

# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- MATHEMATICS  
(Differential Equations)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20 m

1. Write the Order and Degree of the following differential equations

(a)  $\frac{dy}{dx} = \sin(x) + \cos(x)$

(b)  $y = \sqrt{x} \frac{dy}{dx} + \frac{k}{\frac{dy}{dx}}$

(c)  $k \frac{d^2y}{dx^2} = \left[1 + \left(\frac{dy}{dx}\right)^2\right]^{\frac{3}{2}}$

(d)  $y = x \frac{dy}{dx} + k \left[\sqrt{1 + \left(\frac{dy}{dx}\right)^2}\right]$

2. Solve  $(1 - x)dx + (1 - y)dy = 0$

3. Convert the following DE to variable separable by substitution  $v = \frac{y}{x}$

$(x^2 - y^2)dx + 2xydy = 0$  (Don't Solve)

4. Define The Linear Differential Equation in y? Write Formula for General Solution.

5. Write formulas for the following expressions

(a)  $d\left(\frac{x}{y}\right)$

(b)  $d\left(\frac{x^2}{y}\right)$

(c)  $d\left(\tan^{-1}\left(\frac{x}{y}\right)\right)$

(d)  $d\left(\frac{e^y}{x}\right)$

6. Solve  $xdy - ydx = a(x^2 + y^2)dy$

7.  $p^2 - 7p + 12 = 0$ , where  $p = \frac{dy}{dx}$

8. Solve  $p = \log(px - y)$  where  $p = \frac{dy}{dx}$

9. (a) If  $\frac{1}{M}\left(\frac{\partial N}{\partial x} - \frac{\partial M}{\partial y}\right) = f(y)$  then Integrating Factor of  $Mdx + Ndy = 0$  is \_\_\_\_\_

(b) If  $\frac{1}{N}\left(\frac{\partial M}{\partial y} - \frac{\partial N}{\partial x}\right) = f(x)$  then Integrating Factor of  $Mdx + Ndy = 0$  is \_\_\_\_\_

10. (a) If the Differential equation  $Mdx + Ndy = 0$  is homogeneous and  $Mx + Ny \neq 0$  then write Integrating Factor?

(b) For which form of Differential Equation does  $\frac{1}{Mx - Ny}$  is Integrating factor? Where  $Mx - Ny \neq 0$

# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



**Subject :- Computer Science- II  
(Programming in C++)**

Time: 45 min

Max. Marks-20

Answer the following questions.

10x2=20M

1. Write about history of C++?
2. Describe data types with a neat sketch?
3. Write any four differences between C vs C++?
4. What is operator overloading and write its Syntax?
5. What is Inline Function write its syntax?
6. Write a program on Function Overloading?
7. What is Class and Write its syntax?
8. What is Constructor and Destructor write its syntax?
9. Write a program Parameterized Constructor?
10. Write a program using Friend Function?

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:-CHEMISTRY  
(Chemistry-II)

Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20M

1. Write suitable example for SN1 reaction. (Statement and reaction)  
SN 1 చర్యకు సరియైన ఉదాహరణను వ్రాయండి. (స్టిట్యూంట్, సమీకరణం) వ్రాయండి.
2. Draw the energy profile diagram for SN1 reaction.  
SN 1 చర్యకు సంబంధించిన ఎనర్జీ ప్రొఫైల్ పటాన్ని గీయండి.
3. Write suitable example for SN2 reaction. (Statement and reaction)  
SN 2 చర్యకు సరియైన ఉదాహరణను వ్రాయండి. (స్టిట్యూంట్, సమీకరణం) వ్రాయండి.
4. Draw the energy profile diagram for SN2 reaction.  
SN 2 చర్యకు సంబంధించిన ఎనర్జీ ప్రొఫైల్ పటాన్ని గీయండి.
5. Write the order of reactivity of various alkyl halides (methyl halides, primary A.H, secondary A.H, tertiary A.H) and Allyl Halides, Benzyl halides towards SN1 reaction.  
SN 1 చర్యలో మిథైల్ హాలైడ్లు, ప్రయిమరీ ఆల్కైల్ హాలైడ్లు, సెకండరీ ఆల్కైల్ ఆ.హాలు, టెర్షరీ ఆ.హాలు, బెంజైల్ హాలైడ్లు, అలైల్ హాలైడ్లు చర్యాశీలత క్రమాన్ని తెలుపండి.
6. Define Roul't's law & derive the equation?  
రౌల్ట్ నియమాన్ని నిర్వచించి సమీకరణం ని ఉత్పాదించండి
7. Define Lowering of Vapour Pressure and Relative lowering of Vapour Pressure?  
భాష్ప పీడన నిన్మత, సాపేక్ష భాష్ప పీడన నిన్మతలను నిర్వచించండి
8. Define and explain about osmosis  
ద్రవాభిసరణం ను నిర్వచించి వివరించండి
9. Define Osmotic Pressure and derive the Van't Hoff equation for Osmotic Pressure?  
ద్రవాభిసరణ పీడనం ని నిర్వచించి వాంటాఫ్ సమీకరణాన్ని ఉత్పాదించండి
10. Define and **write** the equation for elevation in Boiling point?  
భాష్పీభవన స్థాన ఉన్నతి ని నిర్వచించి, సమీకరణాన్ని రాయండి

# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024

(Programming in C & C++)

Group: BCOM (CA)



Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. Define Variable.
2. Write About IF statements.
3. Define Algorithm.
4. Write About For Loop statements.
5. Define Data Type.
6. Explain about Logical operators.
7. Define Keywords.
8. Write about Flow chart.
9. Define Switch Statement.
10. Write about Ternary operator.

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- ECONOMICS-II

(Macro Economics)

Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20m

1. کلی معاشیات
2. قومی آمدنی
3. خام گھریلو پیداوار
4. فی کس آمدنی
5. موثر طلب
6. مختتم میلاں صرف
7. تفاعل صرف
8. تفاعل بچت
9. ضارب
10. تیز کار

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR codes.



# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- Political Science-II  
(Western Political Thought)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. افلاطون
2. ارسطو
3. تصور علم
4. تصور عدل
5. مثالی مملکت کا تنقیدی جائزہ
6. قانون کی بالادستی
7. جغرافیائی علاقہ
8. دستور اور قانون
9. عدل پر ارسطو کے خیالات
10. جاگیر داریت

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:-URDU-II  
(Second Language)

Time: 45 min

Max. Marks-20

10x2=20

I- درجہ ذیل تمام سوالوں کے مختصر جواب لکھئے۔

1- آتش کا کیا نام تھا؟ اور وہ کہاں پیدا ہوئے۔

2- شاعری میں آتش کے استاد کا کیا نام تھا؟

3- غالب کا اصل نام کیا تھا تحریر کیجئے؟

4- غالب کب اور کہاں پیدا ہوئے؟

5- نظم ”پریت کا گیت“ کے شاعر کا نام لکھئے؟

6- ”شاہنامہ اسلام“ کس کی نظم ہے؟

7- حفیظ جالندھری کے دو شعری مجموعوں کے نام تحریر کیجئے؟

8- نظم ”پریت کا گیت“ میں کس بات کی نصیحت کی گئی ہے؟

9- ”اے شریف انسانو“ کس کی نظم ہے؟

10- ساحر لدھیانوی کے دو شعری مجموعوں کے نام تحریر کیجئے؟

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- HINDI  
(Second Language)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. धरती का स्वर्ग पाठ के लेखक कौन हैं? उनका जन्म कब और कहां हुआ?
2. नाना खेलों के लिए प्रसिद्ध झील कौन सी है? सूर्यास्त की फोटोग्राफी के लिए प्रसिद्ध झील कौन सी है?
3. कश्मीर का प्राण कहीं जाने वाली नदी कौन सी है? एशिया की सबसे बड़ी ताजा पानी की झील कौन सी है?
4. ताई कहानी के लेखक कौन हैं? उनका जन्म कब और कहां हुआ ?
5. ताई का नाम क्या था? उनके पति का नाम क्या था ?
6. ताई किन से नफरत करती थी और क्यों?
7. राजनीति का बंटवारा पाठ के लेखक कौन हैं? उनका जन्म कब और कहां हुआ?
8. विष्णु प्रभाकर जी द्वारा रचित दो उपन्यासों के नाम लिखिए?
9. राजनीति का बंटवारा कैसी रचना है? इस रचना के मुख्य पात्र कौन हैं ?
10. विश्वंभर नाथ शर्मा कौशिक जी किसकी प्रेरणा से हिंदी क्षेत्र में आए और उन्होंने किस पत्रिका का संपादन किया?

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- TELUGU-II  
(Second Language)

Time:45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. భాగవతాన్ని తెలుగులోకి ఎవరు అనువదించారు? భాగవతంలో ఎన్ని స్కందములు ఉంటాయి?
2. వరకట్న దురాచారాన్ని నిరసిస్తూ స్నేహలత తండ్రికి తెలిపిన విషయాలు ఏమిటి?
3. పోతన రచనలను తెలపండి.
4. గజేంద్రుని చింతనం గురించి తెలపండి.
5. స్నేహలత లేఖ అను పాఠ్యభాగం ఎవరు రచించారు? ఇది ఏ గ్రంథం నుండి గ్రహించబడింది?
6. "గజేంద్రమోక్షము" పాఠ్యభాగం ఏ గ్రంథం నుండి గ్రహించబడింది? పోతన ఎవరి సమకాలికుడు?
7. పోతన ఏ ప్రాంతానికి చెందినవాడు అతని తల్లిదండ్రులు ఎవరు?
8. రాయప్రోలు సుబ్బారావు గారి రచనలను తెలపండి.
9. స్నేహలత కలను గురించి తెలపండి.
10. విష్ణుమూర్తి గజేంద్రుడిని రక్షించిన విధానాన్ని రాయండి.

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject-HISTORY-II

(History of India (From Earliest Times to C.700-1526C.E))

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1- پلاوا

2- نرسمہاور من اول

3- پلاکیش اول

4- کلیانی چالوکیہ

5- فن سنگ تراشی

6- سند پر عربوں کے حملے

7- ترائن کی پہلی جنگ

8- علا الدین خلجی

9- فیروز تغلق

10- لودھی خاندان

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject-Economics-II  
(Macro Economics)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. Macro Economics. స్థూల అర్థశాస్త్రం.
2. National Income. జాతీయాదాయం.
3. Net Factor Income from Abroad. నికర విదేశీ కారక ఆదాయం.
4. Net Exports. నికర ఎగుమతులు
5. Financial Year of India. భారత దేశ ఆర్థిక సంవత్సరం.
6. Net Indirect Taxes. నికర పరోక్ష పన్నులు.
7. Gross National Product. స్థూల దేశీయోత్పత్తి
8. Per Capita Income. తలసరి ఆదాయం
9.  $NNP_{FC}$ . ఎన్.ఎన్.పి ఎఫ్ సి
10. Transfer Payments. బదిలీ చెల్లింపులు

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.



# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject-Political Science-II  
(Western Political Thought)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

- |  |                                 |
|--|---------------------------------|
| 1. Plato -Life Sketch                      | ప్లేటో జీవిత చరిత్ర             |
| 2. Plato-Ideal State                       | ప్లేటో ఆదర్శ రాజ్యం             |
| 3. Plato- Theory of Justice                | ప్లేటో ధర్మ సిద్ధాంతం           |
| 4. Plato-Theory of Education               | ప్లేటో విద్యావిధానం             |
| 5. Aristotle-Classification of Governments | అరిస్టాటిల్ ప్రభుత్వాల వర్గీకరణ |
| 6. Aristotle-Slavery                       | అరిస్టాటిల్ బానిస వ్యవస్థ       |
| 7. Aristotle-Theory of Revolution          | అరిస్టాటిల్ విప్లవాలు           |
| 8. Saint Thomas Aquinas                    | సేంట్ థామస్ ఆక్వీనాస్ - రచనలు   |
| 9. Human Law                               | మానవన్యాయం                      |
| 10. Natural Law                            | సహజ న్యాయం                      |

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.

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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:-HISTORY-II

(History of India (From Earliest Times to C.700-1526C.E))

Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20m

1. Art and Architecture of Pallavas. పల్లవుల వాస్తుశిల్ప కళ.
2. Pulakeshi II. పులకేశి -II.
3. Local Self Government under Cholas? చోళుల స్థానిక స్వపరిపాలన విధానం వివరించండి?
4. Raja raja Chola. రాజ రాజ చోళ.
5. Arab Conquest of Sind. అరబ్బుల సింధూ ఆక్రమణ.
6. First Battle of Tarain. మొదటి తరాయిన్ యుద్ధం(1191).
7. Mahindravarma-I. మొదటి మహేంద్ర వర్మ.
8. Razia Sultana. రజియా సుల్తానా.
9. Alauddin Khalji Market Reforms. అల్లా ఉద్దీన్ ఖిల్జీ మార్కెట్ సంస్కరణలు.
10. Muhammad Bin Tughlaq Reforms. మహమద్ బీన్ తుగ్లక్ పరిపాలన సంస్కరణలు.

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.



# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:- PHYSICS  
(Thermal Physics)

Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20m

1. What is an indicator diagram? Write it's uses.
2. State zeroth law of thermodynamics.
3. State first law of thermodynamics.
4. Write Kelvin's and Clausius' statements of 2nd law of thermodynamics.
5. Define the efficiency of Carnot's heat engine.
6. Write the formula for the change of entropy of a perfect gas.
7. Explain briefly about Kelvin scale of temperature.
8. Define entropy and write it's physical significance.
9. Write the expressions of four thermodynamic potentials.
10. Write Maxwell's thermodynamic relations.

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR codes.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:-COMMERCE  
(FINANCIAL ACCOUNTING-II)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. Define bills of exchange?
2. Features of bills of exchange?
3. Define promissory note?
4. Four features of a promissory note?
5. Bills dishonored?
6. Define drawer & drawee?
7. Define consignment account?
8. Define proforma invoice?
9. Define account sales?
10. Define del-credere commission?

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.



# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024



Subject:-MICROBIOLOGY-II  
(Microbial Diversity)

Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. Haeckel classification
2. PPLO
3. Methanogens
4. Halophiles
5. Rickettsia
6. Gamma Proteobacteria
7. Species Diversity
8. Ray fungi
9. Cyanobacteria
10. Prokaryotes

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-I, Mar- 2024

Subject:-COMMERCE

(Business Law)



Time: 45 min

Max. Marks-20

Answer all the following questions

10x2=20m

1. Define contract?
2. Essential valid of contract?
3. Define offer & acceptance?
4. Define consideration?
5. Define discharge of contract?
6. Cross contract?
7. Remedies for breach of contract?
8. Quasi contract?
9. Discharge of contract?
10. Suit for injunction?

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) -NALGONDA

First Year (II-Semester) Internal Assessment-II, Mar- 2024



Subject:- ZOOLOGY

(Animal Diversity - Vertebrates)

Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20m

1. Classification of Chordata కార్డేటా వర్గీకరణ
2. Poikilotherms, Homeotherms, Amniotes and Anamniote శీతల రక్త జీవులు, ఉష్ణ రక్త జీవులు, ఉల్పధారులు మరియు ఉల్ప రహితాలు
3. Gnathostomata నేతోస్టోమేటా
4. Retrogressive Metamorphosis తిరోగామిత రూపవిక్రయ
5. Differences in between Chondrichthyes and Osteichthyes కాండ్రీక్లిస్ మరియు ఆస్టిక్లిస్ చేపల మధ్య భేదాలు
6. Dipnoi (Lung) Fishes డిప్నోయ్ చేపలు (ఊపిరితిత్తి)
7. Types of Scales పొలుసులు రకాలు
8. Types of Fins వాజాలు రకాలు
9. Neoteny and Paedogenesis నియోటని మరియు శాబకజననం
10. Parental care in Amphibia ఉభయ చరాలలో సంతాన పాలన

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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 optional & 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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR codes.





# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (II-Semester) Internal Assessment-II, Mar- 2024

Subject:- BOTANY

(Gymnperms, Taxonomy of Angiosperms and Ecology)



Time: 45 min

Max. Marks-20

Answer all the following questions.

10x2=20m

1. Xerophytic characters of Pinus/ పైనస్ సూది వంటి హరిత పత్రం లో ఏదారి మొక్కల లక్షణాలు
2. Structure of Gnetum female cone/ నీటం స్త్రీ శంకు నిర్మాణం
3. Pinus ovule diagram/పై నస్ అండం చిత్రపటం
4. Copal/కోపాల్
5. Pearson view/పియర్సన్ అభిప్రాయం
6. Floral diagram of Fabaceae/ఫాబేసి పుష్ప చిత్రం
7. Mimosoideae floral characters/ మైమోసిడే పుష్ప లక్షణాలు
8. Piston mechanism / పిస్టన్ యాంత్రికము
9. Economic importance of Caesalpiniaceae/సిసాల్పినేసి ఆర్థిక ప్రాముఖ్యత
10. Write the floral characters of Cucurbitaceae/ కుకుర్బిటేసి పుష్ప లక్షణాలు తెలుపుము

## INSTRUCTIONS TO THE STUDENTS FOR INTERNAL ASSESSMENT

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. Students are instructed to submit the report of above mentioned skill based component to the concerned teachers. Otherwise your skill based assessment marks will not be awarded to you.

3. For AECC (Basic Computer Skills) only one internal with **10 marks** will be conducted at the time of Second internal Examinations.
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 following QR code.



# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA



First Year (II-Semester) Internal Assessment-I, Mar- 2024

ENGLISH-II  
(ENGLISH-FIRST LANGUAGE)

Time: 45 min

Max. Marks-20

Answer all the following questions.

I. Fill in the blanks with suitable adjectives.

4X1=4

(Some, good, sixty, longest, highest)

1. Preethi is a ----- artist.
2. Mount Everest is the ----- peak in the world.
3. I need ----- water.
4. There are ----- students in the class.

II. Identify the Simile and Metaphor in the below sentences.

4X1=4

1. The camel is the ship of the desert. \_\_\_\_\_
2. The baby is like a flower. \_\_\_\_\_
3. Fame is like a bubble. \_\_\_\_\_
4. She is reaching for the stars. \_\_\_\_\_

III. Write four of each plosive consonant words for the following.

4X1=4

1. /P/ : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
2. /b/ : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
3. /t/ : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
4. /d/ : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

IV. Circle the correctly spelt words from the following.

4X<sup>1</sup>/<sub>2</sub>=2

- |                |             |             |
|----------------|-------------|-------------|
| 1. believe     | believe     | believ      |
| 2. recieve     | receive     | reciev      |
| 3. lissure     | liesure     | leisure     |
| 4. convertible | convertable | convertabel |

V. Read the following passage and answer the below questions.

4X1=4

## RURAL TELANGANA: DEVARAKONDA FORT HISTORY

The prosperous kingdom of Devarakonda was established by the “Padma Nayaka Veluma Rajas” choosing Devarakonda fortress as the ruling place. They reigned supreme from 1287 to 1482 AD with much pomp and glory. The second Maada Naidu is the eighth king of these Padma Nayaka lineages.

1. What is the synonym of “reigned?”
2. Who is the eighth king of Padma Nayaka Veluma Rajas?
3. Who established the kingdom of Devarakonda?
4. When did the Padma Nayaka Rajas reign Devarakonda fort?

VI. Write four words which end with 'able.'

1X1=1

VII. Write four words which end with 'ible.'

1X1=1