

ಕರ್ನಾಟಕ ಸರ್ಕಾರ



ಶಾಲಾ ಶಿಕ್ಷಣ ಇಲಾಖೆ  
(ಪದವಿ ಪೂರ್ವ)

**DEPARTMENT OF  
SCHOOL EDUCATION  
(PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

***PROJECTS / ASSIGNMENTS 2024 - 25***

**I PUC**



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**Subject : 01 - KANNADA**

**Class : I PUC**

**ಪ್ರಥಮ ಪಿಯುಸಿ ಕಾರ್ಯನಿಯೋಜನೆ**

1. ನಾನು ಮೆಚ್ಚಿದ ಪುಸ್ತಕ
2. ಗಾಂಧಿ ಪಾಠವನ್ನು ನಾಟಕಕ್ಕೆ ರೂಪಾಂತರಿಸಿ
3. ನಾನು ಹಾಗೂ ನನ್ನ ಬಾಲ್ಯ ಪ್ರಬಂಧ ರೂಪದಲ್ಲಿ ಬರೆಯಿರಿ
4. ನಿಮ್ಮ ಸುತ್ತಪ್ರಚಲಿತವಿರುವ ಜಾನಪದ ಕಥನ ಕಾವ್ಯ
5. ದಲಿತ ಹಾಗೂ ಬಂಡಾಯ ಕವಿ ಒಬ್ಬರ ಪರಿಚಯ
6. ಸರ್ಕಾರಿ ಆಸ್ಪತ್ರೆಗಳು
7. ಶಿಕ್ಷಣದಲ್ಲಿ ಮಾನವೀಯ ಮೌಲ್ಯ
8. ದಾಸ ಸಾಹಿತ್ಯದ ಪ್ರಮುಖರೊಬ್ಬರ ಪರಿಚಯ
9. ಗೌತಮ ಬುದ್ಧ
10. ಸರ್ಕಾರಿ ಶಾಲೆಗಳ ಸ್ಥಿತಿಗತಿ
11. ವಚನ ಸಾಹಿತ್ಯ(ಯಾರಾದರೂ ಒಬ್ಬರು ವಚನಕಾರರ ಪರಿಚಯ)
12. ಯೋಗಭ್ಯಾಸ ಹಾಗೂ ಆರೋಗ್ಯ
13. ಕನ್ನಡ ವರ ಚಳುವಳಿಗಳು
14. ರೈತರ ಸಮಸ್ಯೆಗಳು
15. ಭ್ರೂಣ ಹತ್ಯೆ ಸಮಸ್ಯೆ
16. ನಾನು ಮೆಚ್ಚಿದ ಸಾಹಿತಿ
17. ಜನವದ ಸಾಹಿತ್ಯ
18. ಕರೇತರ ಚಟುವಟಿಕೆಗಳು
19. ಚಂಪು ಸಾಹಿತ್ಯ(ಕವಿ ಒಬ್ಬರ ಪರಿಚಯ)
20. ಸ್ವಚ್ಛ ಭಾರತ ಅಭಿಯಾನ
21. ಸಮೂಹ ಮಾಧ್ಯಮಗಳು
22. ನವೋದಯ ಸಾಹಿತ್ಯ (ಕವಿ ಒಬ್ಬರ ಪರಿಚಯ)
23. ಹವ್ಯಾಸಗಳು
24. ಪರಿಸರ ಹಾಗೂ ವನ್ಯಜೀವಿ ಸಂಪತ್ತು
25. ಪ್ರಕೃತಿ ವಿಕೋಪಗಳು
26. ಭಾರತದ ಜಲ ಸಂಪತ್ತು
27. ಪರಿಸರ ಸಂರಕ್ಷಣೆಯಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಪಾತ್ರ
28. ರಾಷ್ಟ್ರೀಯ ಹಬ್ಬಗಳು
29. ಸುನಾಮಿ ಕುರಿತ ಪ್ರಬಂಧ
30. ಇಂಧನದ ಅಗತ್ಯತೆ



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**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 02 - ENGLISH**

**Class : I PUC**

Instructions for writing assignments:

\*Assignments must be written in BLUE BOOK

i) 5 marks for content

ii) 3 marks for presentation

iii) 2 marks for viva voce ( based on the assignment)

\*Write-ups should be between 8 - 10 pages

1. Discuss the impact of colonisation on pre-independent and post-independent India.
2. Write a note on 'Songs of Experience ' and 'Songs of Innocence ' by William Blake.
3. Prepare a report on the advantages and disadvantages of India's native medicines with suitable examples.
4. Create a story based on any one of the given values:
  - a) Transformation of a human being
  - b) Prevalence of good over evil
5. Analyse the importance of money as portrayed by D.H.Lawrence in 'Money Madness ' .
6. Write a note on fables ( with minimum two stories and it's morals).
7. Write about TWO women contributors to the society ( in the field of education,).
8. Copy "Letter to his son's teacher " by Abraham Lincoln and summarise it.
9. Write a story on "Appearances are deceptive " .
10. Write a short biography on Poornachandra Tejaswi.
11. Write a biography of Babar Ali, highlighting his achievements and awards.
12. Examine the factors behind the increasing cases of farmers' suicides. Suggest suitable solutions/ measures for prevention of suicides.
13. Write a brief note on any 4 women achievers in their chosen fields.
14. Analyse the different forms of poetry with suitable examples.
15. Write an essay on "If money is the root of all evil, then greed is the seed."
16. List out 20 literary devices with definitions and suitable examples.
17. Write a note on young achievers in any field in India.
18. Write a biography on Greta Thunberg.
19. Prepare a report on slavery and colonisation in Africa.
20. Write a brief note on the lesser known stories of the origin of any 4 lakes in Karnataka.



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**Subject: HINDI (03)**

**Class : I PUC**

**किसी एक विषय पर 1000-1200 शब्दों में लिखिए :**

1. मीडिया और सामाजिक उत्तरदायित्व
2. विद्यार्थी जीवन
3. आज़ादी के 78 साल
4. भारतीय संविधान और नागरिकों के मौलिक अधिकार
5. 'बड़े घर की बेटी' कहानी का सारांश लिखते हुए आनंदी के चरित्र को उजागर कीजिए
6. सड़क सुरक्षा
7. कर्नाटक की सांस्कृतिक विरासत
8. किसी शैक्षणिक / ऐतिहासिक / प्राकृतिक स्थल की यात्रा का वृतांत
9. मधुमेह और उसका निदान
10. पुस्तकालय का महत्व
11. अपने शहर में आयोजित किसी राष्ट्रीय त्योहार का वर्णन
12. कलम और तलवार
13. मातृभाषा और उसकी उपयोगिता
14. मनोरंजन के आधुनिक साधन
15. भारत की प्रसिद्ध नदियाँ और मानव
16. 'अभिनंदनीय नारी' कविता के आधार पर नारी का समग्र चित्रण
17. राष्ट्र निर्माण में युवाओं का योगदान
18. महानगरीय जीवन
19. नशे की दुष्प्रवृत्ति
20. डिजिटल इंडिया



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**Subject : 04 - TAMIL**

**Class : I PUC**

**Below are the topics for project work and assignment work:**

- Write about the history of any 3 of the following Tamil authors
- Create a short story from any 1 of the various Tamil epics
- Write a concise report on your favorite historical tourist spot in India. Highlight the history of the following venues (choose any 5):
  1. Taj Mahal, Agra
  2. Hawa Mahal
  3. Agra Fort
  4. Fatehpur Sikri, Agra
  5. Qutub Minar, Delhi
  6. Red Fort
  7. Amer Fort
  8. Charminar
  9. Mysore Palace, Mysore
  10. Ajanta and Ellora Caves, Maharashtra
  11. The Great Chola Temples, Tamil Nadu
  12. Hampi, Karnataka
  13. Gateway of India, Mumbai
  14. Konark Temple, Odisha
  15. Khajuraho Temples, Madhya Pradesh
- Visit places in Mysore, City in Karnataka. Which is your favorite place and write a brief history about it.



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Subject : 04 - TAMIL

Class : I PUC

திட்டப்பணி மற்றும் பணி நியமன வேலைகளுக்கான தலைப்புகள் கீழே உள்ளன:

- பின்வரும் தமிழ் ஆசிரியர்களில் ஏதேனும் 3 பேரின் வரலாற்றை எழுதவும்
- பல்வேறு தமிழ் காவியங்களில் ஏதேனும் ஒன்றிலிருந்து ஒரு சிறுகதையை உருவாக்கவும்
- இந்தியாவில் உங்களுக்குப் பிடித்த வரலாற்று சுற்றுலாத் தலத்தைப் பற்றிய சுருக்கமான அறிக்கையை எழுதுங்கள். பின்வரும் இடங்களின் வரலாற்றை முன்னிலைப்படுத்தவும் (ஏதேனும் 5 தேர்ந்தெடுக்கவும்):

1. தாஜ்மஹால், ஆக்ரா
2. ஹவா மஹால்
3. ஆக்ரா கோட்டை
4. பதேபூர் சிக்ரி, ஆக்ரா
5. குதுப்மினார், டெல்லி
6. செங்கோட்டை
7. அமர் கோட்டை
8. சார்மினார்
9. மைசூர் அரண்மனை, மைசூர்
10. அஜந்தா மற்றும் எல்லோரா குகைகள், மகாராஷ்டிரா
11. பெரிய சோழர் கோவில்கள், தமிழ்நாடு
12. ஹம்பி, கர்நாடகா
13. கேட்வே ஆஃப் இந்தியா, மும்பை
14. கொனாரக் கோயில், ஒடிசா
15. கஜுராஹோ கோயில்கள், மத்தியப் பிரதேசம்

- கர்நாடகாவின் மைசூர், நகரத்தில் உள்ள இடங்களைப் பார்வையிடவும். உங்களுக்குப் பிடித்த இடம் எது, அதைப் பற்றிய சுருக்கமான வரலாற்றை எழுதுங்கள்.



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**Subject : 05 - TELUGU**

**Class : I PUC**

1. Write Chando Vyakaranam
2. Write Moral Stories about Paravasthu Chinnayya Suri
3. Write the importance of Hampi
4. Write and discuss about 18 parvas in Mahabharata
5. Write the ideas of Swatch Bharath
6. Write importance of agriculture in human life
7. According to you, how to control (Prevent) Global warming
8. Write importance (Highlights) of Telugu language.
9. Write importance of Bangalore History
10. What are the problems women facing in society?

**ASSIGNMENT**

1. Reference to context
2. Grammar
3. Comprehensive
4. Letter
5. One-word Questions
6. Memorizing Poems
7. Answer the following questions from the drama of Kempegowda's Story.
8. Form own sentences.



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Subject : 08 - URDU

Class : I PUC

1. انٹرنیٹ کی مدد سے خلائی سفر پر بھیجے گئے مختلف مصنوعی سیارچوں (سپٹلائٹ) کی تصویروں کو اکٹھا کر کے ان کے متعلق معلومات کا جائزہ لیجئے۔
2. اپنے کسی تعلیمی سفر کی روداد پر مشتمل ایک مختصر مضمون لکھئے۔
3. ریاست کرناٹک پر لکھی گئی کسی ایک نظم کا موازہ ضمیر ماقبل شاعری کی نظم "کرناٹک" سے لیجئے اور لکھئے کہ کس شاعر نے کرناٹک سے متعلق کن کن باتوں کا اعلاہ کیا ہے
4. ہندوستان کے کسی دو مصلحین قوم کی خدمات کے بارے میں مفصل معلومات اکٹھا لیجئے۔
5. کسی مشہور شاعر کی حب الوطنی کے موضوع پر لکھی گئی نظم اور اس کا خلاصہ لکھئے۔
6. "مناہوں کے مطالعے" کی اہمیت پر روشنی ڈالیئے۔
7. "وقت کی پابندی" پر ایک تفصیلی مضمون تحریر لیجئے۔
8. مرزا غالب، میر تقی میر، فیض احمد فیض، حسرت موہانی اور الطاف حسین حالی کا تفصیلی تعارف مع تصاویر لکھئے۔
9. "ماحول کی آلودگی" کے مسائل اور اس کے حل پر مشتمل ایک مضمون مع تصویروں کے تحریر لیجئے۔
10. "قانون کا احترام معاشرے میں استحکام پیدا کرتا ہے" اس پر مضمون تحریر لیجئے۔
11. کرناٹک کے کسی چار تاریخی مقامات کا معلوماتی مضمون مع تصویروں کے تحریر لیجئے۔
12. چندریان-3 پر ایک جامع مضمون لکھئے۔
13. موبائل فون کے فائدے اور نقصانات پر روشنی ڈالتے ہوئے بتائیے کہ طلبہ اس سے کیسے استفادہ حاصل کر سکتے ہیں۔
14. "ایک مرد کی تعلیم صرف ایک فرد کی تعلیم ہے اور ایک عورت کی تعلیم ایک نسل کی تعلیم ہے" آپ اس سے کس قدر متفق ہیں مختصر لکھئے۔
15. "حسن اخلاق اور مذمت غلطی سے ہر کوئی معاشرے میں اپنی خاص بچکان بنا سکتا ہے" اس پر ایک جامع مضمون لکھئے۔
16. ڈاکٹر عبد الکلام کے کارناموں کا جائزہ لیجئے۔
17. "تھوڑی ہزار نعمت ہے" مقالوں میں سے ایک مضمون تحریر لیجئے۔
18. سر سید احمد خان کے کارنامہ "علی گڑھ مسلم یونیورسٹی" پر ایک تفصیلی نوٹ لکھئے۔
19. بیٹی بچاؤ، بیٹی بڑھانے کا تحریک پر اپنی رائے کا اعلاہ کریں۔
20. "بنگلور کو شہر گلستان اور Silicon City" بھی کہا جاتا ہے۔ ایک رپورٹ تیار کریں۔





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**Subject : SANSKRIT (09)**

**Class : IPUC**

**अधोलिखितेषु एकं विषयमधिकृत्य 'संस्कृतकार्ययोजनाम्' लिखत ।**

1. वेदाः  
( वेदानां प्राचिनता, महत्वम्, चतुर्णां वेदानां परिचयः च )
2. वेदाङ्गानि  
(वेदाङ्गानां महत्त्वं परिचयः च )
3. उपनिषदः  
(दशोपनिषदां परिचयः )
4. पुराणानि  
(पुराणलक्षणं, अष्टादशपुराणानां परिचयश्च )
5. रामायणम्  
(आदिकाव्यमिति प्रसिद्धस्य रामायणस्य परिचयः )
6. महाभारतम्  
(ऐतिहासिककाव्यमिति प्रसिद्धस्य महाभारतस्य परिचयः)
7. पञ्चमहाकाव्यानि  
(महाकाव्यलक्षणम्, पञ्चमहाकाव्यानां , कर्तृणां च परिचयः)
8. कथासाहित्यम्  
(संस्कृते नीतिकथासाहित्यस्य महत्त्वं सामान्यपरिचयश्च )
9. स्तोत्रसाहित्यम्  
(संस्कृते स्तोत्रसाहित्यस्य महत्त्वं, प्राचीनता, सामान्यपरिचयश्च )
10. सुभाषितानि  
(संस्कृते सुभाषितानां महत्त्वं जीवनमौल्यप्रतिपादनञ्च)

## 11. नाटकानि

(संस्कृतनाटकानां महत्वं तथा कर्तृणां च सामान्यपरिचयः)

## 12. गद्यकाव्यानि

(संस्कृतसाहित्ये गद्यकाव्यानां महत्वं तथा कर्तृणां च सामान्यपरिचयः)

## 13. चम्पूकाव्यानि

(संस्कृतसाहित्ये चम्पूकाव्यानां कर्तृणां च परिचयः )

## 14. संस्कृतकविपरिचयः

(कस्यापि एकस्य संस्कृतकवेः देश-काल-कृतीनां परिचयं लिखत । )

## 15. संस्कृते विज्ञानम्

(प्राचीनभारतीयं गणितम्, भौतशास्त्रम्, रसायनशास्त्रम्, खगोलशास्त्रम् इत्यादयः)

## 16. संस्कृते वाणिज्यम्

(प्राचीनभारतीयम् अर्थशास्त्रम्, व्यवहाराः, निर्वहणशास्त्रम् च )

## 17. सन्धिपरिचयः

(भेदाः, नियमाः, उदाहरणानां सङ्ग्रहश्च )

## 18. समासपरिचयः

(भेदाः, नियमाः, उदाहरणानां सङ्ग्रहश्च )

## 19. समानार्थक-विरुद्धार्थकपदानि

(अमरकोशमवलम्ब्य समानार्थकपदानां तथा उपसर्गानाश्रित्य विरुद्धार्थकपदानां च सङ्ग्रहः )

## 20. सुबन्तम् तिङन्तश्च

(अजन्त-हलन्तशब्दरूपाणि, तथा प्रसिद्धानां धातूनां लट्-लङ्-लोट्लकाररूपाणि )

## सूचनाः –

- संस्कृत, कन्नड ,आङ्ग्लमाध्यमेन वा छात्राः लेखितुमर्हन्ति ।
- विषयसम्बद्धानां श्लोकानां, वाक्यानां च उल्लेखः संस्कृतभाषायामेव भवतु ।
- न्यूनातिन्यूनं पञ्चपृष्ठात्मकं लेखनकार्यं भवेत् । गरिष्ठं तु यथेष्टम् ।
- अध्यापकानां मार्गदर्शनपूर्वकं ग्रन्थालयस्य अन्तर्जालस्य च उपयोगं छात्राः कुर्युः ।
- पूर्णतः अंशतः वा अन्यस्य कस्यचित् वाक्ययोजना पद्धतिः च न अनुसर्तव्या ।



**DEPARTMENT OF SCHOOL EDUCATION  
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District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 10 - ARABIC**

**Class : I PUC**

أكتبوا العدد من الواحد الي ١٠

عشرين

١١. أكتبوا الأرقام في العبارة الآتية.

أحلبوا عن الأسيلة الآت ١١١

١ أي يوم بعد الجمعة؟

٢ أي يوم بعد يوم الخميس؟

٣ عند أيام الأسبوع بالعربية؟

٤ أكتب أيام الشهور العربية الإسلامية؟

٥ أي شهر قبل رجب المرجب؟

٦ أي شهر بعد رمضان المبارك؟

٧.. اجيروا هذا الاسئلة الثلاثة ١٧

لماذا فكر أبو بكر في جمع القرآن؟

٨. أين كان القرآن محفوظا قبل خجلا النسخة منه؟

٩. نسخ النسخ العدي من نسخة أبوبكر؟

١٠. ماذا قال الله تعالى عن حفاظة القرآن؟

١١. شرحوا هذه السورة.

**Project for 1st Year**



**DEPARTMENT OF SCHOOL EDUCATION  
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**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 12 - FRENCH**

**Class : I PUC**

**Part – A (Topics for the PPT presentation)**

1. Décrivez la France (la géographie, les habitants et les pays voisins etc.)
2. Présentez les différentes formes d'union et types de famille en France.
3. Présentez quelques loisirs qui intéressent les français.
4. Imaginez et décrivez votre maison de rêve ( idéale).
5. Décrivez 2 ou 3 magasins français.
6. Décrivez les repas français.
7. Faites une annonce pour trouver le colocataire idéal.

**Part – B (Jeux de rôles)**

1. Vous rencontrez un étudiant devant la salle de classe. Posez-lui des questions et répondez à ses questions.
2. Vous voulez vous inscrire à un cours de musique/danse. Utilisez « vous ».
3. Vous êtes journaliste. Vous pose des questions a une personne célèbre sur son emploi du temps. Utilisez « vous ».
4. Vous avez été témoin du vol extraordinaire. Vous le racontez à un ami qui vous pose des questions (qui, quand, ou, comment, pourquoi... ?)
5. Deux /trois personnes parlent ensemble de leurs goûts et préférences. Jouez la scène.
6. Vous êtes au restaurant/café. Vous commandez et à la fin vous demandez l'addition.
7. Vous êtes à la gare et vous voulez aller à l'office de tourisme. Vous demandez votre chemin à quelqu'un dans la rue.

Guidelines for the students:

1. Select any one of the above topics from part- A or part - B.
2. PPT can be done individually or in a team of 2-3 members. (Every member of the team should participate in the presentation)
3. PPT / Jeux de rôles duration can be 5-8 minutes/team.
4. Presentation should be in French only.
5. Marks will be awarded on the following criteria :
  - Presentation - 2marks
  - Relevant vocabulary/language/content - 5 marks
  - Creativity & adherence to the topic – 3 marks



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**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 16 - OPTIONAL KANNADA**

**Class : I PUC**

ಪ್ರಾಜೆಕ್ಟ್ / ಅಸೈನ್‌ಮೆಂಟ್ಸ್ ನೀಡುವುದರ ಬಗ್ಗೆ ಶೀರ್ಷಿಕೆಗಳು

1. ಕನ್ನಡ ಭಾಷೆಯ ಪ್ರಾಚೀನತೆ
2. ಸಾಹಿತ್ಯದ ಅರ್ಥ, ರಚನೆಗೆ ಪ್ರೇರಣೆ
3. ಷಟ್ಪದಿ, ಷಟ್ಪದಿಯ ಬ್ರಹ್ಮ, ದಾಸ ಸಾಹಿತ್ಯದ ವಿವರಣೆ
4. ಸಾಹಿತ್ಯ ಮತ್ತು ಇತರ ವಿಷಯಗಳೊಂದಿಗೆ ಇರುವ ಸಂಬಂಧ
5. ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಲ್ಲಿ ಸಮಾಜದಲ್ಲಿ ನಡೆದ ಹೋರಾಟಗಳು
6. ಮಾದಾರ ಚೆನ್ನಯ್ಯನ ವ್ಯಕ್ತಿತ್ವ
17. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಮಹತ್ವ
೨. ಬಸವಣ್ಣನವರ ಧಾರ್ಮಿಕ ಆಂದೋಲನದ ಯುಗ ಚಿತ್ರಣ
9. ಬಾಹ್ಯಾಚರಣೆಗಳಿಗಿಂತ ಭಕ್ತಿ ಭಾವದ ಆರಾಧನೆ, ಆಶಯ-ಅಕ್ಕಮಹಾದೇವಿ
10. ದಾರಿ ಹಾಗೂ ಗುರಿಯ ಬಗ್ಗೆ ಸಿದ್ಧಯ್ಯ ಪುರಾಣಿಕರ ಅಭಿಪ್ರಾಯ
11. ದಾಸ ಸಾಹಿತ್ಯದ ಹರಿಕಾರ ಪುರಂದರದಾಸರ ಸಾಹಿತ್ಯ ಕ್ಷೇತ್ರದ ಸಾಧನೆ
12. ಕೀರ್ತನಕಾರ ಕನಕದಾಸರ ಸಾಮಾಜಿಕ ಕಳಕಳಿ.
13. ಜನಪದ ಸಾಹಿತ್ಯದ ವ್ಯಾಪ್ತಿ, ಆಳ, ತ್ರಿಪದಿಗಳು,
14. ನರರು ಮುಕ್ತಿ ಪಡೆಯಲು ಅನುಸರಿಸುವ ಮಾರ್ಗಗಳು
15. ಆಧುನಿಕ ಕನ್ನಡದ ಬೆಳವಣಿಗೆ ಹಾಗೂ ಬಂಡಾಯ ಸಾಹಿತ್ಯ
16. ಶ್ರಾವಣದ ಆಗಮನ ಮತ್ತು ಇಳಿಯಲ್ಲಾದ ಬದಲಾವಣೆ
17. ಅನ್ನದಾತನಾದ ರೈತನ ಬವಣೆ-ಕುವೆಂಪು ರವರ ದೃಷ್ಟಿಕೋನದಲ್ಲಿ
18. ಭವ್ಯ ಭಾರತದ ಕನಸು-ಕವಿಯ ಆಶಯ
19. ವಂಚಕರ ಸಂಚಿಗೆ ಬಲಿಯಾದ ಪಾರ್ವನ ಮನಃಸ್ಥಿತಿ
20. ಕೆ. ಶಿವರಾಮ ಕಾರಂತರ ರೋಮ್ ನಗರದ ಪ್ರವಾಸದ ವಿವರಣೆ
21. ದುರ್ಬಲವಾದ ಮನಸ್ಸು, ಸಂಕಷ್ಟಗಳು-ಮನಃಶಾಸ್ತ್ರದ ಪರಿಭಾಷೆ-ಸಿ. ಆರ್. ಚಂದ್ರಶೇಖರ್ ರವರ ಮಾತುಗಳಲ್ಲಿ ಅರ್ಥೈಸಿ,
22. ನಂಜನಗೂಡು ತಿರುಮಲಾಂಬರವರು ವಿಜಯಾ ದಬ್ಬೆಯವರ ದೃಷ್ಟಿಕೋನದಲ್ಲಿ



# **DEPARTMENT OF SCHOOL EDUCATION (PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 21 - HISTORY**

**Class : I PUC**

1. The World Important Historians (any Ten Historians)
2. The stages of Human Evolution.
3. Ancient Civilizations.
4. Cultural contributions of the Greeks
5. The Legacy of the Romans.
6. Teachings of Jesus Christ or Prophet Mohammed.
7. Feudalism in Medieval World History.
8. The Impact of Geographical Explorations.
9. Renaissance of Medieval Europe.
10. A Study of Industrial Revolution
11. The French Revolution.
12. Napoleon Bonaparte- Child and Destroyer of Revolution.
13. Bismark and German Unification
14. Impact of Dictatorship Administration.
15. World wars.
16. Works of U N O
17. Impact of Cold War.
18. The Role of India in Non-Aligned Movement.
19. The Emergence of the Third World.
20. Important Historical places of the World.



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**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 22 - ECONOMICS**

**Class : I PUC**

1. Importance of micro and small scale industries in Indian economy.
2. Impact of Organic farming and Contract farming in agricultural sector of Karnataka.
3. Banking sector reforms in India.
4. Status of FDI in India since last decade.
5. Poverty alleviation and employment generation programmes in India.
6. Challenges of food security in India.
7. Solid waste management in Bangalore.
8. Importance of health sector reforms.
9. Impact of covid-19 on Indian Economy.
10. Effects of mid day meal programme.
11. Collect 10 years rainfall data in Bangalore district and prepare bar diagram.
12. Collect the marks scored by students of your class in economics subject in first test.  
Prepare frequency distribution table and give their arithmetic mean.
13. Importance of economics and statistics in our day to day life.
14. Sustainable development in Karnataka.
15. Background of New Economic Reforms 1991.
16. Global warming.
17. Land degradation and agricultural productivity.
18. Trends of migration in India during pre and post new economic reforms 1991.
19. Women empowerment programs in India.
20. Present status of alternative fuel channels.





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**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 22 - ECONOMICS**

**Class : I PUC**

1. ಭಾರತದ ಆರ್ಥಿಕಾಭಿವೃದ್ಧಿಯಲ್ಲಿ ಸೂಕ್ಷ್ಮ ಮತ್ತು ಸಣ್ಣ ಕೈಗಾರಿಕೆಗಳ ಪಾತ್ರ.
2. ಪ್ರಸ್ತುತ ಕರ್ನಾಟಕ ಕೃಷಿ ಕ್ಷೇತ್ರದಲ್ಲಿ ಸಾವಯವ ಬೇಸಾಯ ಮತ್ತು ಒಪ್ಪಂದದ ಕೃಷಿಯ ಪ್ರಭಾವ.
3. ಭಾರತದಲ್ಲಿ ಬ್ಯಾಂಕಿಂಗ್ ವಲಯದ ಸುಧಾರಣೆಗಳು.
4. ಪ್ರಸ್ತುತ ದಶಕದಲ್ಲಿ ಭಾರತದ FDI (ವಿದೇಶಿ ನೇರ ಹೂಡಿಕೆ)ನ ಪರಿಣಾಮ ಅವಲೋಕನ.
5. ಭಾರತದಲ್ಲಿ ಬಡತನ ನಿರ್ಮೂಲನ ಹಾಗೂ ಉದ್ಯೋಗ ನಿರ್ಮಾಣ ಕಾರ್ಯಕ್ರಮಗಳು.
6. ಭಾರತದ ಆಹಾರ ಭದ್ರತಾ ಕ್ಷೇತ್ರದ ಸವಾಲುಗಳು.
7. ಬೆಂಗಳೂರು ನಗರದ ಘನತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆ,
8. ಆರೋಗ್ಯ ವಲಯ ಸೇವೆಗಳ ಮಹತ್ವ
9. ಭಾರತದ ಆರ್ಥಿಕತೆಯ ಮೇಲೆ ಕೋವಿಡ್-19ರ ಪ್ರಭಾವ.
10. ಮದ್ಯಾಕ್ಷದ ಬಿಸಿಯೂಟ ಯೋಜನೆಯ ಪರಿಣಾಮಗಳು.
11. ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆಯ ಕಳೆದ ಹತ್ತು ವರ್ಷಗಳ ಮಳೆಯ ಪ್ರಮಾಣದ ಅಂಕಿಅಂಶಗಳನ್ನು ಸಂಗ್ರಹಿಸಿ ಸ್ತಂಭ ರೇಖಾ ನಕ್ಷೆಯನ್ನು ತಯಾರಿಸಿ.
12. ಮೊದಲನೇ ಕಿರು ಪರೀಕ್ಷೆಯಲ್ಲಿ ಅರ್ಥಶಾಸ್ತ್ರ ವಿಷಯದಲ್ಲಿ ನಿಮ್ಮ ತರಗತಿಯ ವಿದ್ಯಾರ್ಥಿಗಳು ಗಳಿಸಿದ ಅಂಕಗಳನ್ನು ಸಂಗ್ರಹಿಸಿ, ಈ ಅಂಕಿಅಂಶಗಳಿಗೆ ಒಂದು ಆವೃತ್ತಿ ವಿತರಣಾ ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಿ ಹಾಗೂ ಅಂಕಗಣಿತ ಸರಾಸರಿಯನ್ನು ಮಾಪನ ಮಾಡಿ.
13. ನಮ್ಮ ದೈನಂದಿನ ಜೀವನದಲ್ಲಿ ಅರ್ಥಶಾಸ್ತ್ರ ಮತ್ತು ಸಂಖ್ಯಾಶಾಸ್ತ್ರದ ಮಹತ್ವ,
14. ಕರ್ನಾಟಕದ ಸುಸ್ಥಿರ ಅಭಿವೃದ್ಧಿ,
15. ನೂತನ ಆರ್ಥಿಕ ಸುಧಾರಣೆಗಳ ಹಿನ್ನೆಲೆ..
16. ಜಾಗತಿಕ ತಾಪಮಾನದ ಹೆಚ್ಚಳ.
17. ಕೃಷಿ ಉತ್ಪಾದಕತೆ ಹಾಗೂ ಭೂಮಿಯ ಗುಣಮಟ್ಟದ ಕುಸಿತ.
18. 1991ರ ನೂತನ ಆರ್ಥಿಕ ಸುಧಾರಣೆಗಳ ಪೂರ್ವ ಹಾಗೂ ನಂತರದ ಅವಧಿಯಲ್ಲಿ ಭಾರತದ ವಲಸೆ ಪ್ರವೃತ್ತಿ.
19. ಭಾರತದಲ್ಲಿ ಮಹಿಳಾ ಸಬಲೀಕರಣದ ಕಾರ್ಯಕ್ರಮಗಳು.
20. ಬದಲಿ ಇಂಧನ ಮೂಲಗಳ ಪ್ರಸ್ತುತ ಸ್ಥಿತಿಗತಿ.



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**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 23 - LOGIC**

**Class : I PUC**

- 1) Need Of Rational Thinking
- 2) Logic As a Science And an art
- 3) Difference Between Deduction and Induction
- 4) Logic and Language
- 5) Proposition
- 6) Classification
- 7) Traditional Classifications Of Proposition
- 8) Distribution of Terms in Categorical Proposition
- 9) Discuss about the Disadvantages of using mobile phone by students.
- 10) Write about the Importance of Computer
- 11) Discuss the role of Roads in Country Development
- 12) Euler's Circle



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**Subject : 24 - GEOGRAPHY**

**Class : I PUC**

**Note: The assessment is done for 10 Marks**

- Writing of Assignment or Project : 5 Marks**
- Presentation : 3 Marks**
- Viva : 2 Marks**

**Topics –**

1. Earth Quakes – Causes, Types, Effects.
2. Volcano's - Causes, Types, Effects.
3. Different types of Rocks.
4. Work of Rivers – Land Forms.
5. Winds – Types.
6. Tides – Types & Uses.
7. Oceans – Conservations of Oceans.
8. India – Locations, Size, Land of Diversities.
9. Himalayas - Divisions.
10. Eastern & Western Coasts & Islands of India.
11. Rivers of North & South India.
12. Soil – Types and conservations of India.
13. Forests – Types and conservations of India.
14. Floods – Recent Floods of North India.



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**DISTRICT :- BENGALURU NORTH DISTRICT (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**SUBJECT :- 27 - BUSINESS STUDIES**

**CLASS:- I PUC**

1. Present Various business activities pictorially and write a report on the same.  
ವಿವಿಧ ವ್ಯವಹಾರ ಚಟುವಟಿಕೆಗಳನ್ನು ನಕ್ಷೆಯ ಮೂಲಕ ಪ್ರತಿಬಿಂಬಿಸಿ ಹಾಗೂ ವರದಿ ತಯಾರಿಸಿ.
2. Risk arises due to variety of causes. Find out different kinds of risk and ways to deal with them.  
(ಅಪಾಯವು) ನಷ್ಟಭಯವು ವಿವಿಧ ಕಾರಣಗಳಿಂದ ಉಂಟಾಗುತ್ತದೆ ವಿವಿಧ ರೀತಿಯ ನಷ್ಟಭಯಗಳನ್ನು ಗುರುತಿಸಿ, ನಿವಾರಿಸುವ ವಿಧಾನಗಳನ್ನು ಸೂಚಿಸಿ.
3. Collect the information on various forms of business organisation and submit a detailed report on it.  
ವಿವಿಧ ಬಗೆಯ ವ್ಯವಹಾರ ಸಂಸ್ಥೆಗಳ ಪ್ರಕಾರಗಳ ಬಗ್ಗೆ ಮಾಹಿತಿಯನ್ನು ಸಂಗ್ರಹಿಸಿ ವಿಸ್ತಾರವಾದ ವರದಿಯನ್ನು ಸಲ್ಲಿಸಿ.
4. Write a report on different types of partners with the rights and duties of partners.  
ವಿವಿಧ ಪಾಲುದಾರಿಕೆ ಸಂಸ್ಥೆಗಳ ವಿವಿಧ ರೀತಿಯ ಪಾಲುದಾರರು ಹಾಗೂ ಅವರ ಹಕ್ಕು ಮತ್ತು ಕರ್ತವ್ಯಗಳ ಬಗ್ಗೆ ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವರದಿ ಸಲ್ಲಿಸಿ.
5. Draft a report on joint stock company with its benefits and limitations with few examples.  
ಸೂಕ್ತ ಉದಾಹರಣೆಗಳೊಂದಿಗೆ ಸಂಯುಕ್ತ ಬಂಡವಾಳ ಸಂಸ್ಥೆ ಹಾಗೂ ಅದರ ಅನುಕೂಲ ಮತ್ತು ಅನಾನುಕೂಲಗಳ ವರದಿ ಸಲ್ಲಿಸಿ.
6. List out various business services you use on regular basis and identify their distinct characteristics.  
ನೀವು ನಿಯಮಿತವಾಗಿ ಬಳಸುವ ವ್ಯವಹಾರ ಸೇವೆಗಳನ್ನು ಗುರುತಿಸಿ, ವಿಶಿಷ್ಟ ಗುಣಲಕ್ಷಣಗಳನ್ನು ಪಟ್ಟಿ ಮಾಡಿ.

7. Collect the account opening forms of savings account, current account, fixed deposit and recurring deposit from the nearest bank and explain the procedure to be followed for the same also write a short note on KYC document.

ನಿಮ್ಮ ಹತ್ತಿರದ ಬ್ಯಾಂಕಿನಿಂದ ಉಳಿತಾಯ ಖಾತೆ, ಚಾಲ್ತಿ ಖಾತೆ, ನಿಶ್ಚಿತ ಠೇವಣಿ ಖಾತೆ ಮತ್ತು ಸಂಚಿತ ಠೇವಣಿ ಖಾತೆ ತೆರೆಯಲು ಸಂಬಂಧಿಸಿದ ದಾಖಲೆಗಳನ್ನು ಸಂಗ್ರಹಿಸಿ ಮತ್ತು ಅದಕ್ಕಾಗಿ ಅನುಸರಿಸಬೇಕಾದ ಕಾರ್ಯವಿಧಾನವನ್ನು ವಿವರಿಸಿ ಕೆ ವೈ ಸಿ ದಾಖಲೆಗಳ ಬಗ್ಗೆ ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವರದಿಯನ್ನು ಬರೆಯಿರಿ..

8. Many companies are providing telecom services in india. Make a report on different types of services provided by any one of the service provider.

ಭಾರತದಲ್ಲಿ ಅನೇಕ ಕಂಪನಿಗಳು ದೂರಸಂಪರ್ಕ ಸೇವೆಗಳನ್ನು ಒದಗಿಸುತ್ತಿವೆ. ಅಂತಹ ಯಾವುದಾದರೂ ಒಂದು ಕಂಪನಿಗೆ ಒದಗಿಸುತ್ತಿರುವ ವಿವಿಧ ರೀತಿಯ ಸೇವೆಗಳ ಬಗ್ಗೆ ವರದಿಯನ್ನು ತಯಾರಿಸಿ.

9. Online shopping is a boon and bane explain with illustrations.

ಆನ್ಲೈನ್ ಶಾಪಿಂಗ್ ಒಂದು ವರ ಅಥವಾ ಅಪಾಯ ಉದಾಹರಣೆಗಳೊಂದಿಗೆ ವಿವರಿಸಿ.

10. Write a report on various payment methods available to online customers.

ಆನ್ಲೈನ್ ಗ್ರಾಹಕರಿಗೆ ಲಭ್ಯವಿರುವ ವಿವಿಧ ಪಾವತಿ ಆಯ್ಕೆಗಳನ್ನು ಕುರಿತು ವರದಿ ಬರೆಯಿರಿ.

11. Assuming that you are a promoter of a company what logical steps to be followed by you for the registration of the company.

ನೀವು ಕಂಪನಿಯ ಪ್ರವರ್ತಕರೆಂದು ಭಾವಿಸಿ, ಕಂಪನಿಯ ನೋಂದಣಿಗಾಗಿ ನೀವು ಯಾವ ತಾರ್ಕಿಕ ಕ್ರಮಗಳನ್ನು ಅನುಸರಿಸಬೇಕು ವಿವರಿಸಿ.

12. As a environmental conscious businessman what measure would you take to protect environment.

ಪರಿಸರ ಪ್ರಜ್ಞೆಯುಳ್ಳ ಉದ್ಯಮಿಯಾಗಿ ಪರಿಸರವನ್ನು ರಕ್ಷಿಸುವ ಯಾವ ಕ್ರಮಗಳನ್ನು ನೀವು ತೆಗೆದುಕೊಳ್ಳುತ್ತೀರಿ .

13. Banks are providing various e banking services to its customers write a short note on any five such services.

ಬ್ಯಾಂಕುಗಳು ತನ್ನ ಗ್ರಾಹಕರಿಗೆ ವಿವಿಧ ಈ ಬ್ಯಾಂಕಿಂಗ್ ಸೇವೆಗಳನ್ನು ಒದಗಿಸುತ್ತಿವೆ ಅಂತಹ ಯಾವುದಾದರೂ ಐದು ಸೇವೆಗಳ ಬಗ್ಗೆ ಲಘು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.

14. "Getting insurance is your responsibility to your family and loved ones . You may hate it, but it is your responsibility". Explain the advantages of insurance to justify the statement.

ನಿಮ್ಮ ಕುಟುಂಬ ಮತ್ತು ವಿಮೆಯನ್ನು ಪಡೆಯುವುದು ನಿಮ್ಮ ಜವಾಬ್ದಾರಿಯಾಗಿದೆ. ನೀವು ಅದನ್ನು ದೃಢೀಕರಿಸಬಹುದು ಆದರೆ ಅದು ನಿಮ್ಮ ಜವಾಬ್ದಾರಿಯಾಗಿದೆ ವಿಮೆಯ ಪ್ರಯೋಜನಗಳನ್ನು ವಿವರಿಸುವ ಮೂಲಕ ಈ ವಾಕ್ಯವನ್ನು ಸಮರ್ಥಿಸಿ.

15. Consult a insurance agent and enquire about various types of life insurance available to public. Make a comparative report on it.

ವಿಮಾ ಏಜೆಂಟ್ ರವರನ್ನು ಭೇಟಿ ಮಾಡಿ ಮತ್ತು ಲಭ್ಯವಿರುವ ವಿವಿಧ ಜೀವ ವಿಮೆ ಯೋಜನೆಗಳ ಬಗ್ಗೆ ಸಮಾಲೋಚಿಸಿ ಅವುಗಳ ತುಲನಾತ್ಮಕ ವರದಿಯನ್ನು ತಯಾರಿಸಿ.

16. Financial Institutions are the backbone of business enterprise, list out the financial institutions, Mention their activities.

ಹಣಕಾಸು ಸಂಸ್ಥೆಗಳು ವ್ಯವಹಾರ ಸಂಸ್ಥೆಗಳ ಬೆನ್ನಲುಬು ಹಣಕಾಸು ಸಂಸ್ಥೆಗಳನ್ನು ಪಟ್ಟಿ ಮಾಡುವ ಜೊತೆಗೆ ಅವುಗಳ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳನ್ನು ತಿಳಿಸಿ.

17. Submit a report on what innovative practices you suggest for survival of small industries.

ಸಣ್ಣ ವ್ಯವಹಾರಗಳ ಉಳಿವಿಗಾಗಿ ನೀವು ಸೂಚಿಸುವ ವಿನೂತನ ಮಾರ್ಗಗಳ ಬಗ್ಗೆ ವರದಿ ಸಲ್ಲಿಸಿ

18. Visit to your nearest mall and write a report on measures taken there to improve sales.

ನಿಮ್ಮ ಸ್ಥಳೀಯ ಮಾಲ್ ಗೆ ಭೇಟಿ ನೀಡಿ ಮತ್ತು ಅಲ್ಲಿ ಮಾರಾಟವನ್ನು ಹೆಚ್ಚಿಸಲು ತೆಗೆದುಕೊಂಡಿರುವ ಕ್ರಮಗಳ ಬಗ್ಗೆ ವರದಿಯನ್ನು ಬರೆಯಿರಿ.

19. Visit to your nearest wholesale market. Write a report on the activity of wholesale market.

ನಿಮ್ಮ ಸ್ಥಳೀಯ ಸಗಟು ಮಾರುಕಟ್ಟೆಗೆ ಭೇಟಿ ನೀಡಿ ಅಲ್ಲಿನ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳ ಬಗ್ಗೆ ವರದಿ ತಯಾರಿಸಿ.

20. Imagine you are an exporter. What are the steps followed by you while exporting.

ನೀವು ರಫ್ತುದಾರರೆಂದು ಭಾವಿಸಿಕೊಂಡು ರಫ್ತು ಮಾಡುವ ಸಂದರ್ಭದಲ್ಲಿ ನೀವು ಅನುಸರಿಸುವ ಹಂತಗಳು ಯಾವುವು ?



# DEPARTMENT OF SCHOOL EDUCATION (PRE-UNIVERSITY)

**District: Bengaluru North District(AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject: SOCIOLOGY (28)**

**Class: IPUC**

1. Fields of sociology in the twenty first century – a bird view.
2. The contributions of western sociologists to sociology- a report
3. The contributions of Indian sociologists to sociology- a report.
4. The impact of Industries on rural life of India –a report.
5. The difference between organization and Institution – a comparative study.
6. The folkways in your community – a list of collection
7. The structure, objectives and processes in Self Help Groups – a report.
8. The accommodation processes in rural areas – a study.
9. Types of culture- an illustrated description.
10. The role of formal agents in socialization of children – a report.
11. The role of informal agents in socialization of children – a report.
12. A marriage you visited- a report
13. Types of Family- a comparative study.
14. Festivals celebrated in your area- a note.
15. Biological factors in social change – a study.
16. The impact of growth of civilization on physical environment of Bengaluru- a study.
17. The merits and demerits of mobile phones – a note.
18. The news papers available in library near by you-a report.
19. Gather information about the major drawbacks of the college by interviewing the principal of your college.
20. Environment pollution in your area- a study.

1.21ನೇ ಶತಮಾನದಲ್ಲಿ ಸಮಾಜಶಾಸ್ತ್ರದ ವಿಶೇಷ ಅಧ್ಯಯನ ಕ್ಷೇತ್ರಗಳು- ಒಂದು ಕಿರು ಪರಿಚಯ.

2. ಸಮಾಜಶಾಸ್ತ್ರಕ್ಕೆ ಪಾಶ್ಚಾತ್ಯ ಸಮಾಜಶಾಸ್ತ್ರಜ್ಞರ ಕೊಡುಗೆಗಳು- ಒಂದು ವಿವರ.

3. ಸಮಾಜಶಾಸ್ತ್ರಕ್ಕೆ ಭಾರತೀಯ ಸಮಾಜಶಾಸ್ತ್ರಜ್ಞರ ಕೊಡುಗೆಗಳು- ಒಂದು ವಿವರ.

4. ಭಾರತದ ಗ್ರಾಮೀಣ ಜೀವನದ ಮೇಲೆ ಕೈಗಾರಿಕೆಗಳ ಪ್ರಭಾವ- ಒಂದು ವರದಿ

5. ಸಂಘ ಮತ್ತು ಸಂಸ್ಥೆಗಳ ನಡುವಿನ ವ್ಯತ್ಯಾಸ- ಒಂದು ತೌಲನಿಕ ಅಧ್ಯಯನ.

6. ನಿಮ್ಮ ಸಮುದಾಯದಲ್ಲಿರುವ ಲೋಕಾರೂಢಿಗಳು- ಒಂದು ಸಂಗ್ರಹ.

7. ಸ್ವಸಹಾಯ ಸಂಘದ ರಚನೆ, ಉದ್ದೇಶಗಳು, ಮತ್ತು ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳು- ಒಂದು ವರದಿ

8. ಗ್ರಾಮೀಣ ಪರಿಸರದಲ್ಲಿ ಹೊಂದಾಣಿಕೆ - ಒಂದು ಅಧ್ಯಯನ.

9. ಸಂಸ್ಕೃತಿಯ ವಿಧಗಳು- ಒಂದು ಸಚಿತ್ರ ವಿವರ.

10. ಮಕ್ಕಳ ಸಾಮಾಜಿಕರಣದಲ್ಲಿ ಔಪಚಾರಿಕ ನಿಯೋಗಿಗಳ ಪಾತ್ರ- ಒಂದು ವರದಿ.

11. ಮಕ್ಕಳ ಸಾಮಾಜಿಕರಣದಲ್ಲಿ ಅನೌಪಚಾರಿಕ ನಿಯೋಗಿಗಳ ಪಾತ್ರ- ಒಂದು ವರದಿ .

12. ನೀವು ನೋಡಿದ ಒಂದು ವಿವಾಹ- ಒಂದು ವರದಿ.

13. ಕುಟುಂಬದ ವಿಧಗಳು- ಒಂದು ತೌಲನಿಕ ಅಧ್ಯಯನ.

14. ನಿಮ್ಮ ಪ್ರದೇಶದಲ್ಲಿ ಆಚರಿಸುವ ಹಬ್ಬಗಳು- ಒಂದು ಸಂಕ್ಷಿಪ್ತ ವರದಿ.

15. ಸಾಮಾಜಿಕ ಪರಿರ್ತನೆಯಲ್ಲಿ ಜೈವಿಕ ಅಂಶಗಳು- ಒಂದು ಅಧ್ಯಯನ.

16. ನಾಗರಿಕತೆಯ ಬೆಳವಣಿಗೆಯು ಬೆಂಗಳೂರಿನ ಭೌತಿಕ ಪರಿಸರದ ಮೇಲೆ ಬೀರಿರುವ ಪ್ರಭಾವ- ಒಂದು ಅಧ್ಯಯನ.

17. ಮೊಬೈಲ್ ಫೋನ್ ಬಳಕೆಯ ಅನುಕೂಲಗಳು ಮತ್ತು ಅನಾನುಕೂಲಗಳು- ಒಂದು ಟಿಪ್ಪಣಿ.

18. ನಿಮ್ಮ ಸಮೀಪದ ವಾಚನಾಲಯದಲ್ಲಿ ಲಭ್ಯವಿರುವ ವಾರ್ತಾ ಪತ್ರಿಕೆಗಳು- ಒಂದು ವಿವರ.
19. ನಿಮ್ಮ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರನ್ನು ಸಂದರ್ಶಿಸುವ ಮೂಲಕ ಕಾಲೇಜಿನ ಕುಂದುಕೊರತೆಗಳ ಮಾಹಿತಿ ಸಂಗ್ರಹಣೆ.
20. ನೀವು ವಾಸಿಸುವ ಪ್ರದೇಶದ ಪರಿಸರಮಾಲಿನ್ಯ - ಒಂದು ಅಧ್ಯಯನ.







# DEPARTMENT OF SCHOOL EDUCATION (PRE-UNIVERSITY)

**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 29 - POLITICAL SCIENCE**

**Class : I PUC**

- \* Explain the role and importance of the state in the establishment of a welfare state.
- \* Prepare a flowchart of the classification of rights and explain briefly the different kinds of rights.
- \* Write a report on the effective implementation of RTE in your locality.
- \* Explain the fundamental rights and duties of Indian citizens.
- \* Write a note on the parliament of India.
- \* Prepare a report on the mock parliament conducted in your college.
- \* Explain the role of the prime minister in the development of a nation.
- \* Write a note on Public Interest Litigation with suitable examples.
- \* Explain the role of consumer courts in the protection of consumer rights.
- \* Visit your local Panchayat office and prepare a report its composition and functioning .
- \* Prepare a list of any five voluntary organizations and write a report on their functioning.
- \* Prepare a list of the names of the legislatures of different countries and identify the countries which have bicameral legislatures.
- \* Write a note on the sessions of the legislature.
- \* Prepare a flowchart on the rural and urban local self governments and explain briefly their composition.
- \* Explain the role of citizens in facing the challenges of democracy.
- \* Explain the role of mass media in the successful functioning of a democracy.
- \* Compare and contrast the functioning of parliamentary democracy in India and great Britain.
- \* Make a list of the prime ministers in post independence India and write about the major developments during their tenure.
- \* Write a report on 2024 Lok Sabha Elections.



**DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 29 - POLITICAL SCIENCE**

**Class : I PUC**

- \* ಕಲ್ಯಾಣ ರಾಜ್ಯ ಸ್ಥಾಪನೆಯಲ್ಲಿ ರಾಜ್ಯದ ಮಹತ್ವವನ್ನು ವಿವರಿಸಿ.
- \* ಹಕ್ಕುಗಳ ವಿಧಗಳ ಬಗ್ಗೆ ರೇಖಾಚಿತ್ರವನ್ನು ಬಿಡಿಸಿ ಒಂದೊಂದು ಹಕ್ಕನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿ.
- \* 2022 ರಲ್ಲಿ ಭಾರತದಲ್ಲಿ ನಡೆದ ರಾಷ್ಟ್ರಪತಿಯವರ ಚುನಾವಣೆಯ ವರದಿಯನ್ನು ನೀಡಿ.
- \* ಕಡ್ಡಾಯ ಶಿಕ್ಷಣದ ಹಕ್ಕನ್ನು ನಿಮ್ಮ ವಾಸ ಸ್ಥಳದಲ್ಲಿ ಕಾರ್ಯಗತಗೊಳಿಸಿರುವ ಬಗ್ಗೆ ವರದಿ ತಯಾರಿಸಿ.
- \* ಭಾರತೀಯ ಪೌರರು ಅನುಭವಿಸುತ್ತಿರುವ ಮೂಲಭೂತ ಹಕ್ಕುಗಳು ಹಾಗೂ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಕರ್ತವ್ಯಗಳನ್ನು ಕುರಿತು ವಿಶ್ಲೇಷಿಸಿ.
- \* ಭಾರತದ ಸಂಸತ್ತನ್ನು ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.
- \* ನಿಮ್ಮ ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆಸಿದ ಅಣಕು ಸಂಸತ್ತಿನ ಪ್ರದರ್ಶನವನ್ನು ಕುರಿತು ಯೋಜನೆ ತಯಾರಿಸಿ.
- \* ಒಂದು ರಾಷ್ಟ್ರದ ಪ್ರಗತಿಯಲ್ಲಿ ಪ್ರಧಾನಿಯವರ ಪಾತ್ರವನ್ನು ಕುರಿತು ಒಂದು ವರದಿಯನ್ನು ತಯಾರಿಸಿ.
- \* ಸಾರ್ವಜನಿಕ ಹಿತಾಸಕ್ತಿ ಮೊಕದ್ದಮೆಯ ಬಗ್ಗೆ ಒಂದು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.
- \* ಪ್ರಸ್ತುತ ಸಮಾಜದಲ್ಲಿ ಗ್ರಾಹಕರ ಹಿತಾಸಕ್ತಿಗಳ ರಕ್ಷಣೆಯಲ್ಲಿ ಗ್ರಾಹಕ ನ್ಯಾಯಾಲಯದ ಪಾತ್ರವೇನು?
- \* ನಿಮ್ಮ ಸ್ಥಳದಲ್ಲಿರುವ ಪಂಚಾಯತ್ ಕಾರ್ಯಾಲಯಕ್ಕೆ ಭೇಟಿ ನೀಡಿ ಅದರ ರಚನೆ ಕಾರ್ಯ ವೈಖರಿಯನ್ನು ಕುರಿತು ಯೋಜನೆಯನ್ನು ತಯಾರಿಸಿ.
- \* ಯಾವುದಾದರೂ ಐದು ಸ್ವಯಂಸೇವಾ ಸಂಸ್ಥೆಗಳನ್ನು ಪಟ್ಟಿ ಮಾಡಿ ಅವುಗಳ ಪ್ರಮುಖ ಕಾರ್ಯಗಳ ಬಗ್ಗೆ ಬರೆಯಿರಿ.
- \* ವಿವಿಧ ರಾಷ್ಟ್ರಗಳ ಶಾಸಕಾಂಗಗಳ ಹೆಸರುಗಳನ್ನು ಪಟ್ಟಿ ಮಾಡಿ ಮತ್ತು ದ್ವಿಸದನ ಶಾಸಕಾಂಗ ಹೊಂದಿರುವ ರಾಷ್ಟ್ರಗಳನ್ನು ಹೆಸರಿಸಿ.
- \* ಶಾಸಕಾಂಗದ ಅಧಿವೇಶನಗಳ ಬಗ್ಗೆ ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.
- \* ಗ್ರಾಮಾಂತರ ಮತ್ತು ನಗರ ಸ್ಥಳೀಯ ಸರ್ಕಾರಗಳ ಬಗ್ಗೆ ರೇಖಾಚಿತ್ರ ತಯಾರಿಸಿ ಮತ್ತು ಅವುಗಳ ರಚನೆಯನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ಬರೆಯಿರಿ.
- \* ಪ್ರಜಾಪ್ರಭುತ್ವದ ಸವಾಲುಗಳನ್ನು ಎದುರಿಸುವಲ್ಲಿ ಸುಸಂಸ್ಕೃತ ನಾಗರಿಕರ ಪಾತ್ರವನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
- \* ಪ್ರಜಾಪ್ರಭುತ್ವದ ಯಶಸ್ಸಿಗೆ ಸ್ವತಂತ್ರ ಸಮೂಹ ಮಾಧ್ಯಮದ ಪಾತ್ರವನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
- \* ಭಾರತ ಮತ್ತು ಬ್ರಿಟನ್ನಿನ ಸಂಸದೀಯ ಮಾದರಿ ಕಾರ್ಯವಿಧಾನದಲ್ಲಿನ ಸಮಾನ ಅಂಶಗಳನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
- \* ಸ್ವಾತಂತ್ರ ನಂತರದ ಭಾರತದ ಪ್ರಧಾನ ಮಂತ್ರಿಗಳ ಪಟ್ಟಿ ಮಾಡಿ ಅವರ ಆಡಳಿತದ ಅವಧಿಯಲ್ಲಿ ಪ್ರಮುಖ ಬೆಳವಣಿಗೆಗಳನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
- \* ೧೦೧೪ ರಲ್ಲಿ ನಡೆದ ಲೋಕ್ ಸಭಾ ಚುನಾವಣೆಯನ್ನು ಕುರಿತು ವರದಿ ತಯಾರಿಸಿ.



**DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024 - 25**

**Subject : 30 - ACCOUNTANCY**

**Class : I PUC**

**NOTE:**

- 1) Assignment should be written in a blue book.
- 2) Only one assignment should be submitted by the student.  
Lecturers should assign questions from the following questions only.
- 3) Lecturers can assign the questions rationally.

1. As a commerce student you may come across with various basic terms in accounting recall and write down all the basic terms used in accounting, which are explained in class.
2. Collect information about various accounting concepts and accounting conventions followed by accountants in their accounting work or practice.
3. Prepare a voucher (Debit and Credit) of any business concern in your area.
4. Collect information from business concern about various heads of accounts (name of accounts) maintained in the accounting book and classify them into Assets A/c, Liability A/c, Capital A/c, Expenses and losses A/c and Revenue and income A/c (with at least 25 heads of accounts).
5. Collect a source document of business about at least 20 transactions, i.e, voucher from any business organisation and record them in the journal book with the help of voucher.
6. Collect information from a business concern regarding the method of accounting adopted by them.
7. Collect information from a sole proprietorship about at least 15 business transactions and pass journal entries and post them to the ledgers and balance it.
8. Consult your Parents and ask them to give a list of cash expenses and income of one month and prepare a simple column cash book for same.
9. Collect information about at least 20 cash transactions and bank transactions from a business organisation and prepare a double column cash book.
10. Collect information from a business concern regarding their cash book and pass book on same date or different dates ascertain the difference in cash book and pass book and give reason for it.
11. Collect information from a business concern about their petty cash and prepare a petty cash book.
12. Collect information about at least 20 business transactions relating to credit purchases, credit sales and returns and prepare different types of subsidiary books.

13. Collect a copy of cash book and pass book of a business concern, find out the reasons for difference in cash book balance and pass book balance and prepare a bank reconciliation statement.
14. Collect information from any Bank about the Procedure and Documents required for opening a Current Account.
15. Collect the information from any Bank about the reasons for dishonor of cheque.
16. Collect information about debit balance and credit balance of ledger accounts and prepare a trial balance for the same.
17. Collect information about different types of errors committed by accountants and collect at least 10 transactions which are wrongly recorded and rectify them by passing rectification entries.
18. Collect information from any company regarding the method of depreciation adopted by them and Prepare Machinery A/c and Depreciation A/c for 3 years under straight line method and written down value method separately.
19. Collect information from a business concern regarding Revenue, Expenses and Incomes, Opening and Closing stock and Prepare Financial Statements (Trading and Profit and Loss Account).
20. Collect information from a business concern about Assets, Liabilities and Capital and Prepare a Balance Sheet.



**DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

**PROJECTS / ASSIGNMENTS 2024-25**

**Subject: Statistics**

**Class: I PUC**

Marks Allotment

For writing minimum of 10 assignments in Record book : 5 marks

For presenting one of the written Assignments : 3 marks

Viva – Voce : 2 marks

List Of Assignments

1. Constructing univariate and bivariate frequency distribution tables for the given set of observations.
2. Drafting blank tables and tabulating the classified data.
3. Presentation of data using one- and two-dimensional diagrams.
4. Representation of frequency distributions by various types of groups.
5. Finding averages and partition values for the given univariate frequency distributions.
6. Computation of measures of dispersion, skewness, and kurtosis for the given univariate frequency distribution.
7. Obtaining a degree of relationship between two variables using correlation techniques.
8. Estimation of unknown value of a variable with the help of known values of other variables by using regression analysis
9. Applying Yule's method to find the degree of association between two attributes.
10. Interpolation or Extrapolation of a missing value using binomial Expression method.
11. Finding the probability of non-mutually exclusive, mutually exclusive, dependent and Independent Events.
12. Calculation of missing probability term, mathematical expectation, Variance and S.D. of univariate random variable



# DEPARTMENT OF SCHOOL EDUCATION (PRE-UNIVERSITY)

**District: Bengaluru North District (AN)**

## PROJECTS / ASSIGNMENTS 2024 - 25

**Subject : 32 - PSYCHOLOGY**

**Class : I PUC**

### PROJECT WORK

***Suggested Topics with Guidelines:***

NOTE: Any one of the mentioned topics need to be selected as part of the Project. The intention of giving the project work to strengthen their knowledge base and enhancement of skills.

Below are the topics that can be given to the students as part of project work

S. No.	Topics and Instructions		Marks allotted
1.	Topic	<b>Understand perception of Psychology among non-psychology students</b>	
	Guidelines to write the project report	History of Psychology in the world, Different Definitions	1
		Development of Psychology in India. Your personal life experience with Psychology (Have you ever heard the word Psychology ? What was your perception, understanding of psychology before taking it up as course in PUC.)	1
		Create 4 basic questions to understand people's perception of Psychology (Ex. Do you know what is psychology, who is a psychologist) Ask those questions to 10 non-psychology students and note down their responses Compare and Discuss the differences in their responses and whether it matches with your text book definition of Psychology	2
		Discuss different reasons for difference in the perception of the field of Psychology (Ex. Movies), What did you learn about the uses of Psychology in everyday life?	1
2.	Topic	<b>Understand the various professional fields in psychology &amp; the Roles &amp; responsibilities of a psychologist</b>	
	Guidelines to write the project report	History of Psychology in the world and India, Different Definitions	1
		Different Fields of Psychology, Emerging areas in Psychology, Psychology and other disciplines, Psychologists in different professional fields	1
		Create 10 semi-structured interview questions to understand the job-role of a Psychologist (Ex. Counselling Psychologist/ Clinical Psychologist/ Industrial Psychologist) Interview a psychologist with the questions framed by you Write a report- highlight your understanding of the job-roles and discuss whether it matches with the roles discussed in your textbook	2
		Enlist different fields and professions of psychology and rank those fields based on your personal preference. Discuss the reason behind your preferences. Do you see it as a future option in your career?	1
3.	Topic	<b>Role of Psychology in resolving problems affecting humans - Refer any newspaper article and write how that problem can be handled with the help of</b>	

		<b>knowledge of Psychology</b>	
	Guidelines to write the project report	Introduction to Psychology, History, Psychology and other disciplines, and Different professional fields of psychology	1
		Refer and select any 2 recent newspaper article that can be solved using Psychology (Mention and attach the source) Elaborate those incidents covered in the newspaper article	1
		As a student of psychology, try to get a psychological perspective of the same problem. Explain how this exercise can help understand and see the problem differently and more clearly. Discuss and elaborate on those Psychological Concepts or perspectives that helped you to understand the problem How can the psychological perspective help in resolving the issue according to you?	2
		Discuss the uses of Psychology in everyday life Suggest or Talk about an existing government policy or law that is considering psychological aspects to address these kind of concerns (Ex. Making marital counselling compulsory before divorce; reformative measures to reduce crime rate)	1
	Topic	<b>Observation Method – Observe as a non- participant observer or participant observer and write a report based on your observation</b>	
4.	Guidelines to write the project report	Write about Goals of Psychological enquiry, Different methods to study psychology, Observation method, how is scientific observation different from casual observation, Types of Observation	1
		Determine a topic area you would like to study using observation. Note down specific things you will observe in order to understand the topic chosen. Prepare a specific plan as to who to observe, how many subjects, what behaviours to be observed, when, for how long, mode of recording observations etc. (Ex. To observe „Study Habits“ of students – consider a study group of 10 students , common criteria relevant to check for „Study Habits“ can includes: ● Regularity to class ● Assignment submission on time ● Study schedule planning & execution of the same ● Regular Revision of work etc., use observation methods to collect information) <i>(Note: Seek Permission, if required)</i> Write a report on your observation and discuss the challenges, advantages and disadvantages faced during your observation	2
		Write a report on your observation and discuss the challenges, advantages and disadvantages faced during your observation	2
	Topic	<b>Conduct a survey to understand the common reasons for online surfing among adolescents; explore what kind of information interests them. Write a report based on your findings.</b>	
5.	Guidelines to write the project report	Write about Goals of Psychology, Different methods to study psychology, Survey, Types of Survey	1
		Create a survey tool (Minimum 6 questions) to measure daily internet usage and purpose of the usage and administer it group of girls & boys from your college – Attach this survey questions . Discuss the criteria you used to arrive at these questions for the survey.	1



		<ul style="list-style-type: none"> <li>Use the survey questions to collect data from 5 girls &amp; 5 boys for a period of one week to track their online activities (Attach the daily record of filled survey copy for each person)</li> <li>Interpret the usage rate gender wise and discuss the different purposes of internet usage listed for girls and boys separately as per the findings.</li> </ul>	2
		Discuss the advantages and disadvantages of survey method. Mention the challenges you faced during your data collection for a week.	1
	Topic	<b>Interact with your parents and grandparents and find out different aspects related to pregnancy stage and infancy stage</b>	
6.	Guidelines to write the project report	Introduction to Development, Prenatal Development and significance, Infancy/ babyhood in detail	1
		Create 10 semi-structured interview questions to explore the following: - How your mother or grandmother took care of themselves physically, mentally, emotionally etc., during this phase of pregnancy and why. What was their understanding of the significance of the pregnancy phase What is „Attachment“? Write about the role of a nursing parent in developing a socio-emotionally secure child. Find out how your parents/guardians used to attend to you or your siblings as a child and write your personal reflections if it has influenced you to become securely attached or otherwise.	2
		Attach the questions you formulated for this task and discuss why you chose to ask these questions Attach their responses and write your interpretation of the same Discuss what were their sources to understand these aspects Write whether the information matches with your textbook information	1
		Discuss the challenges involved in prenatal, perinatal and postnatal stages of human development. What is separation anxiety? What can parents do to secure their child when it goes through separation anxiety during this infancy phase?	1

7.	Topic	<b>Principles of grouping and organisation among 5–6-year-old child</b>	
	Guidelines to write the project report.	Introduction to Cognitive development, Perception, Gestalt's Principles of Grouping and Organisation	1
		Create the following materials: Take a piece of cardboard and cut triangles, circles and squares of three different sizes each small, medium and large. Then colour them yellow. Similarly prepare a second set and colour them green and a third set and colour them red. Now you should have a set of 27 cards varying in shape, size and colour. Attach these materials in the report after conducting the activity	1
		<ul style="list-style-type: none"> <li>Ask a child of five to six years of age to group the similar cards together with a supervision of an adult (Seek permission if required)</li> <li>Observe the way of grouping and note down how many ways of grouping are performed by the child</li> <li>Explain the different types of grouping done and aspects involved behind those grouping.</li> </ul>	2
	Discuss the challenges you faced while performing this task with a child Discuss what grouping styles were missed out by the child (Size, shape, colour, Combinations – size and shape / shape, size and colour, etc...) What reasons do you attribute this to?	1	
8.	Topic	<b>Take 10 advertisements from newspapers or internet that catches your attention and discuss the factors influenced your attention (objective and subjective)</b>	
	Guidelines to write the project report	Write a note on Attention, Characteristics of Attention, Types of Attention and Factors influencing Attention (subjective & objective)	1
		Refer recent newspaper/ internet advertisements and select 10 advertisements that got your attention. Attach those advertisements in the report	1
		<ul style="list-style-type: none"> <li>Discuss the objective and subjective factors involved in the advertisement that grasped your attention</li> <li>Discuss various aspects that can be added to the existing advertisement to grab attention of teenagers / young adults with justification</li> </ul>	2
	Choose a product and create an advertisement that can easily attract the attention of Working young Adults. Discuss the factors involved with justification	1	
9.	Topic	<b>Create 2 models that represents visual errors in perception (apart from textbook examples)</b>	
	Guidelines	Write a note on Perception, Principles of grouping and organisation, Errors	1

		in Perception	
		Write in detail about the perception errors involved in your model that you are planning to make. Mention who introduced it	1
		<ul style="list-style-type: none"> <li>• Prepare 2 models to represent the perception error that you have discussed (apart from textbook examples)</li> <li>• Display it in your class for a week</li> <li>• Attach the model/ photo of it in the report</li> </ul>	2
		General Causes of illusion and perceptual errors, Application of illusion in technologies (video games, virtual reality)	1
10.	Topic	<b>Write any 4 scientific experiments conducted to understand learning theories. Discuss your real-life instances related to those learning theories</b>	
	Guidelines to write the project report	Introduction to Learning, Methods of Learning, Types of Reinforcements	1
		Write in detail about any 4 scientific experiments conducted to understand learning theories What are the principles of Classical Conditioning that govern learning? Explain the role of reinforcement in shaping and moulding behaviour with a suitable example.	2
		<ul style="list-style-type: none"> <li>• Discuss your life experiences where you now recognise the application of these learning theories</li> <li>• What are the various factors that influence learning? Give appropriate examples.</li> </ul>	2
11.	Topic	<b>Meaning &amp; Retention - Conduct the following experiment with 5 non-psychology students and discuss the interpretation</b>	
	Guidelines to write the project report	Write a note on Memory, types of memory and ways to improve memory	1
		What was the procedure you followed to conduct this experiment?	1
		<ul style="list-style-type: none"> <li>• Follow the procedure of the experiment “Meaning and Retention” and administer it on 5 non-psychology students (Attach their answer sheets)</li> <li>• Report with interpretations of the 5 people you tested</li> </ul>	2
		Compare the differences between the recalled words in two sets Discuss the reason for differences and better performance in the second series. Write about Economical methods of Memorisation with examples	1
12.	Topic	<b>Choose 5 complex topics from your subjects and create easy ways to remember those concepts</b>	
	Guidelines to write the project report	Write a note on Memory, types of memory	1
		Discuss different methods of recalling, remembering and improving memory Forgetting – Normal and abnormal causes of forgetting	1
		<ul style="list-style-type: none"> <li>• Choose 5 complex topics among different subjects of your I PUC</li> <li>• Using the different methods discussed earlier, develop an easy method to remember the complex topics in each chapter</li> <li>• Display your idea in class notice board for a week (Attach it with the report)</li> </ul>	2
		What are the common reasons you find yourself forgetting learnt material? Discuss how planning ahead and simplifying enhances the memory Discuss POWER Learning	1

13.	Topic	<b>Case Analysis on lateral thinking using De Bono Six Thinking Hats Model</b>	
	Guidelines to write the project report.	Write a note on Thinking, its nature, process, mental operations involved in it	1
		Discuss different factors that affects problem solving, lateral thinking and De Bono Six Thinking Hats Model	1
		<p><b>Case Scenario:</b> <i>A coffee house is getting a growing number of complaints from customers as they have to wait too long for their coffee – how can they solve this problem?</i></p> <ul style="list-style-type: none"> <li>Assume that you are in a leadership role in the company and looking to resolve this issue using De Bon’s Six Thinking Hats Model.</li> <li>What are the various steps you will use to arrive at a solution</li> </ul>	2
		Discuss the role of this model in decision making process Discuss the application of this model of thinking in real life (think of a personal life scenario where you could apply this)	1
Topic	<b>Follow the different mental operations involved in solving a problem in given case scenario</b>		
14.	Guidelines to write the project report	Write a note on Thinking, its nature, process, problem solving, Creative thinking and stages of creative thinking	1
		Understand the following case scenarios and depict the scenario in a pictorial format (Hand-made) <i>Case Scenario 1: A farmer has to cross a river with fox, goose and corn in a boat that takes at most two. Fox eats goose and goose eats corn if left alone. Farmer can row the boat himself and doesn't need a boatman to ferry them across. How can he cross the river with all the three unharmed in least number of trips?</i>	1
		<i>Case Scenario 2: John along with three other friends, Tom, Garry, and David need to cross a river. This river has a bridge and it is completely dark. They have only one torch and the river is too risky to cross without the torch. If all people cross simultaneously then torchlight won't be sufficient. The speed of each person crossing the river is different. The crossing time for each person is as below. John: 1 min, Tom: 2 mins, Garry 7 mins and David: 10 mins. The bridge will collapse in 17 mins. Is it possible to cross the bridge safely before it gets collapsed? What is the shortest time needed for all four of them to cross the river?</i>	
		<ul style="list-style-type: none"> <li>Try to solve these case scenarios without seeking any help</li> <li>Use step by step approach with the mental operations steps involved in solving problem to solve the given case scenarios</li> <li>Write those steps with explanations</li> <li>Write your solution and identify any alternative solutions, if possible</li> </ul>	2
		Discuss the challenges you experienced in these problem-solving activities Discuss the factors affected your problems solving ability here	1
Topic	<b>Do the SWOT analysis of yourself</b>		
15.		Write a note on Thinking and Process of thinking	1
		Discuss self-awareness and benefits of it in personal growth	1
		<ul style="list-style-type: none"> <li>Do the SWOT analysis of yourself</li> </ul>	2

	Guidelines to write the project report	<p>S - List out your strengths</p> <p>W- List out your weakness/ limitations/ drawbacks</p> <p>O – List the opportunities that you got to prove yourself</p> <p>T – List out your threats/ potential harm</p> <ul style="list-style-type: none"> <li>● Create an action plan (with a goal to perform well in academics) to develop your strengths, get over your weaknesses, making the best out of opportunities, and reduce the threats</li> </ul>	
		Discuss the uses of SWOT Analysis in personal life, professional life and for an industry	1
16.	Topic	<b>Conduct an awareness session/ intervention for examination anxiety</b>	
	Guidelines	Write a note on Emotions and its types	1
		Develop a set of 6 to 10 objective questions to estimate the examination anxiety of your classmates in relation to the Mid-term Examination. Conduct an assessment by asking those questions to 10 classmates of yours and evaluate their level of examination anxiety. Compare and discuss the individual difference	1
		<ul style="list-style-type: none"> <li>● Conduct a session on managing examination anxiety with a help of your psychology lecturer / counsellor to those classmates</li> <li>● Discuss the objectives and outcomes of the awareness session/ intervention</li> <li>● Collect feedback from the students who attended the session and compile a report on whether it helped them manage their anxiety better</li> </ul>	2
		Suggest some of the ways to help students manage their exam anxiety which can be followed every year by the college Create a mind map or a flow chart of any two important midterm topics to study and see how it helps in better recall and also reduced anxiety during exams.	1
Topic	<b>Identify various emotions experienced by 4 friends using Emotion Wheel for a week and discuss the reasons for those experiences</b>		
17.	Guidelines to write the project report	Write a note on Emotions and its types	1
		Make an emotion wheel chart model (wheel shaped structure that contains names of many emotions- refer to the internet for an image of the emotional wheel) Give it a personal touch using your creativity (Attach this copy in your report)	1
		<ul style="list-style-type: none"> <li>● Show the wheel to 5 friends and ask them to spot the emotions that they are experiencing now and continue the same for one week and record the same.</li> <li>● Elicit their individual experiences and reason for those experiences.</li> </ul>	2
		Reflection – Discuss whether identifying and labelling their emotions helped them become more self-aware? What are the ways we can use the emotion wheel to develop a positive relationship with self and others?	1

## Common Guidelines

1. The final submission should be a spiral bound and have a front page, acknowledgement, project certificate with signature of the student and lecturer, Index sheet in the front, and sources (references) if any, at the end
2. The final project report should be of at least 15 pages
3. The project report should be hand-written only (No typed or printed copies are accepted)
4. Personal reflections and point of views can be given based on the guidelines mentioned as per the topic. Students can use their creativity and learning to reflect beyond the basic guidelines also.
5. All the material used for the project work must be attached as a supporting document with the final report to ensure authenticity and genuineness.
6. In cases of any kind of interviews/ data collections, the hard copy of those documents/ discussions photographs of the works done should be attached as additional in the final report.

**Weightage – 10%**

**Tentative Month – August – December 2024**

**Scheme of Evaluation –**

Project Submission	05 marks
Project Presentation	03 marks
Viva voce	02 marks
Total	10 marks

**Role of the faculty –**

The faculty must ensure that the project work is assigned to the students individually and discussed at different stages right from assigning topic, draft review to finalization.

Students should be facilitated in terms of providing relevant materials, suggesting websites, obtaining of required permission for visiting any Institutes, Organizations etc. Any topic related sites.

The Project work should be suitably spaced from August to December in classes XI so that students can prepare for Final Examination.

The faculty must ensure that the students submit original work.

Project report should be handwritten only. (Eco-friendly materials can be used by students)

Provide feedback during the course of project work.

Share rubrics for various assessment criteria in the form of description of performance, checklist, etc.

**Suggested Steps:**

The faculty should help student to select the topic mentioned in the list of 20 projects topics and should give an option to a student to choose a project as per his/ her interest.

The project must be done individually.

The faculty should play the role of a facilitator and should closely supervise the process of project completion, and should guide the students by providing necessary input, resources etc. to enrich the subject content.

The Project work needs to enhance cognitive, affective, and psychomotor domains in the students. It will include self-assessment and peer assessment, and progress of the student in project-based and inquiry-based learning. Art integrated Activities, experiments, models, quizzes, role plays, group work, portfolios, etc., along with faculty assessment. (NEP-2020) The Project work can culminate in the form of Power Point presentation photo, video albums/files or shows debate/panel discussion, paper presentation related to psychological aspects, and whichever is suitable to visually impaired candidates. But the final project submission should be of written copy.

Students can use primary sources available in a village, towns and city where they are residing, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.

The evaluation will be done by a faculty who is teaching XI class in the same school/ college.

**The project reports are to be preserved by the school / College for minimum 4 months, after the final results are declared, for scrutiny by DPUE/KSSEAB.**



**DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)**

**District: Bengaluru North District (AN)**

**ACTIVITIES FOR THE ACADEMIC YEAR**  
**2024-25**

**Subject : MATHEMATICS**

**Class : I PUC**

1. To find number of subsets of a given set and verify that if a set has  $n$  number of elements, then the total number of subsets is  $2^n$ .
2. To distinguish between a relation and a function.
3. To verify the relation between the degree measure and radian measure
4. To interpret geometrically the meaning of  $i = \sqrt{-1}$  and its integral powers.
5. To verify that the graph of a given inequality, say  $ax + by + c < 0$ ,  $a, b > 0, c < 0$  represents only one of the two half planes.
6. To find the number of ways in which the three cards can be selected from given five cards.
7. To construct a Pascal's triangle and to write Binomial expansion for a given positive integral exponent.
8. To demonstrate that the arithmetic mean of two different positive numbers is always greater than the geometric mean.
9. To construct different types of Conic sections.
10. To construct a parabola.
11. To explain the concept of Octants by three mutually perpendicular planes in space.
12. To write the sample space, when a die is rolled once, twice, .....



DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)  
District: Bengaluru North District (AN)  
PROJECTS / ASSIGNMENTS 2024 - 25

SUB: EDUCATION

CLASS: I PUC

PROJECTS AND ASSIGNMENTS FOR INTERNAL ASSESSMENT 2024-25

1. Write a report – Exploring and differentiating the philosophical perspectives of Indian and Western thinkers regarding present day education.  
ಇಂದಿನ ಶಿಕ್ಷಣದ ಬಗ್ಗೆ ಭಾರತೀಯ ಮತ್ತು ಪಾಶ್ಚಿಮಾತ್ಯ ಚಿಂತಕರ ದೃಷ್ಟಿಕೋನಗಳನ್ನು ಅನ್ವೇಷಿಸುವುದು ಹಾಗೂ ಅಲ್ಲಿನ ವಿಭಿನ್ನತೆಗಳನ್ನು ಕುರಿತು ವರದಿ ತಯಾರಿಸುವುದು.
2. Conduct a survey among later childhood children and write a report on the social and emotional development in later childhood.  
ಉತ್ತರ ಬಾಲ್ಯಾವಸ್ಥೆಯ ಮಕ್ಕಳಲ್ಲಿ ಸಾಮಾಜಿಕ ಮತ್ತು ಸಂವೇಗಾತ್ಮಕ ವಿಕಾಸದ ಬೆಳವಣಿಗೆ ಕುರಿತು ಒಂದು ಸಮೀಕ್ಷೆ ನಡೆಸಿ ವರದಿ ತಯಾರಿಸಿ.
3. Write a report on stages of growth and development particularly adolescence period: Discuss problems of teenagers. Suggest remedies to overcome problems.  
ಬೆಳವಣಿಗೆ ಮತ್ತು ವಿಕಾಸದ ಹಂತಗಳನ್ನು ಕುರಿತು ವರದಿ ತಯಾರಿಸಿ ವಿಶೇಷವಾಗಿ ಹದಿಹರೆಯದವರ ಸಮಸ್ಯೆಗಳು ಹಾಗೂ ಅವುಗಳ ಪರಿಹಾರವನ್ನು ಸೂಚಿಸಿ.
4. Exploring Psychologists learning theories : applying them to realistic educational settings for a critical analysis – Prepare a report.  
ಮನೋವಿಜ್ಞಾನಿಗಳ ಕಲಿಕಾ ಸಿದ್ಧಾಂತಗಳ ಮೇಲೆ ಒಂದು ವಿಮರ್ಶಾತ್ಮಕ ಅನ್ವೇಷಣೆ: ವಾಸ್ತವಿಕ ಶೈಕ್ಷಣಿಕ ಪರಿಸರಕ್ಕೆ ಅನ್ವಯಿಸಿ – ವರದಿ ತಯಾರಿಸಿ.
5. “The potent role of memory as a psychological tool for enhancing learning outcomes” prepare a report.  
ಕಲಿಕೆಯ ಫಲಿತಾಂಶಗಳನ್ನು ಹೆಚ್ಚಿಸುವಲ್ಲಿ ಮಾನಸಿಕ ಸಾಧನವಾಗಿ ಸ್ಮೃತಿಯ ಪ್ರಬಲ ಪಾತ್ರ – ವರದಿ ತಯಾರಿಸಿ.
6. Comprehensive analysis of group dynamics and their distinct styles, alongside group characteristics : A report incorporating references from newspaper, articles, journals and online sources.  
ತಜ್ಞರಿಂದ ಪ್ರಕಟವಾದ ಲೇಖನಗಳು, ಅಂತರ್ಜಾಲ ಮತ್ತು ಆಕರ ಗ್ರಂಥಗಳನ್ನು ಉಪಯೋಗಿಸಿಕೊಂಡು ವಿವಿಧ ಪ್ರಕಾರದ ಗುಂಪುಗಳನ್ನು ಅವುಗಳ ಲಕ್ಷಣಗಳೊಂದಿಗೆ ಸಮಗ್ರವಾಗಿ ಅಧ್ಯಯನ ಮಾಡಿ ವರದಿ ತಯಾರಿಸುವುದು.
7. Write a report on significance of effective leadership in driving the success and growth of an educational institution?  
ಶೈಕ್ಷಣಿಕ ಸಂಸ್ಥೆಯ ಯಶಸ್ಸು ಮತ್ತು ಬೆಳವಣಿಗೆಯನ್ನು ಚಾಲನೆ ಮಾಡುವಲ್ಲಿ ಪರಿಣಾಮಕಾರಿ ನಾಯಕತ್ವದ ಮಹತ್ವವನ್ನು ಕುರಿತು ವರದಿಯನ್ನು ಬರೆಯಿರಿ.

8. To prove in the context of social change that 'education is most important weapon among the necessary tools for the progressive development and construction of the society. Prepare a report.  
'ಸಮಾಜದ ಪ್ರಗತಿಪೂರ್ಣ ಅಭಿವೃದ್ಧಿ ಹಾಗೂ ಪುನಃ ರಚನೆಗೆ ಅವಶ್ಯವಿರುವ ಸಾಧನಗಳಲ್ಲಿ ಶಿಕ್ಷಣ ಅತ್ಯಂತ ಪ್ರಮುಖ ಅಸ್ತ್ರ' ಸಾಮಾಜಿಕ ಪರಿವರ್ತನೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಸಾಭೀತುಪಡಿಸುವುದು.
9. Prepare a report on the significance of education in fostering economic development'  
ಆರ್ಥಿಕ ಅಭಿವೃದ್ಧಿಯನ್ನು ಉತ್ತೇಜಿಸುವಲ್ಲಿ ಗುಣಾತ್ಮಕ ಶಿಕ್ಷಣದ ಮಹತ್ವದ ಬಗ್ಗೆ ವರದಿ ತಯಾರಿಸಿ.
10. Prepare a report on 'Analyzing the current role of educational economics in shaping future planning for PUC students with emphasis on human resource development.  
ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿಯೊಂದಿಗೆ ಪಿಯುಸಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಭವಿಷ್ಯದ ಯೋಜನೆಯ ನಿರ್ಮಾಣದಲ್ಲಿ ಶೈಕ್ಷಣಿಕ ಅರ್ಥಶಾಸ್ತ್ರದ ಪ್ರಸ್ತುತ ಪಾತ್ರ ಕುರಿತು ವಿಶ್ಲೇಷಣೆ ಮಾಡಿ ವರದಿ ತಯಾರಿಸಿ.
11. How has knowledge and awareness of education and career guidance contributed in improving the quality of life? Prepare a report.  
ಜೀವನದ ಗುಣಮಟ್ಟವನ್ನು ಉನ್ನತೀಕರಿಸುವಲ್ಲಿ ಶಿಕ್ಷಣ ಮತ್ತು ಮಾರ್ಗದರ್ಶನದ ಜ್ಞಾನ ಹಾಗೂ ಜಾಗೃತಿ ಹೇಗೆ ಸಹಕರಿಸಿದೆ? ವರದಿ ತಯಾರಿಸಿ.
12. Prepare a report on "Safeguarding human health and hygiene: a thoughtful examination of measures to mitigate the threat of pandemic diseases".  
ಮಾನವನ ಆರೋಗ್ಯ ಮತ್ತು ನೈರ್ಮಲ್ಯ ಭದ್ರೆಯಲ್ಲಿ ಸಾಂಕ್ರಮಿಕ ರೋಗರುಜಿನಗಳ ಹೆದರಿಕೆಯನ್ನು ತಡೆಗಟ್ಟುವ ಕ್ರಮಗಳ ಬಗ್ಗೆ ಒಂದು ಸೂಕ್ಷ್ಮ ಅಧ್ಯಯನ ಮಾಡಿ ವರದಿ ಬರೆಯಿರಿ.
13. What are the underlying causes of malnutrition, the wide ranging effects it has on individuals and communities and what effective remedial measures can be implemented to address this critical issue? Prepare a report.  
ಅಪೌಷ್ಟಿಕತೆಯ ಮೂಲಭೂತ ಕಾರಣಗಳು ಯಾವುವು? ಅದು ವ್ಯಕ್ತಿಗಳು ಮತ್ತು ಸಮುದಾಯಗಳ ಮೇಲೆ ಬೀರುವ ಪರಿಣಾಮಗಳು ಮತ್ತು ಕೈಗೊಳ್ಳಬಹುದಾದ ಅಗತ್ಯ ಪರಿಹಾರಗಳನ್ನು ಕುರಿತು ವಿಮರ್ಶಿಸಿ ವರದಿ ಬರೆಯಿರಿ.
14. Analyse and write a report on the impact of non-formal education agencies on both India's literacy rate improvement and the enhancement of education quality.  
ಭಾರತದ ಸಾಕ್ಷರತೆಯ ಪ್ರಮಾಣ ಮತ್ತು ಶಿಕ್ಷಣದ ಗುಣಮಟ್ಟವನ್ನು ಎತ್ತರಿಸುವಲ್ಲಿ ಶಿಕ್ಷಣದ ಅಸಂಪ್ರದಾಯಿಕ ನಿಯೋಗಗಳನ್ನು ವಿಶ್ಲೇಷಿಸಿ ವರದಿ ಬರೆಯಿರಿ.
15. A study on the adverse-effect of Global warming and climate change in environmental purity.  
'ಪರಿಸರದ ಶುದ್ಧತೆಯ ಮೇಲೆ ಜಾಗತಿಕ ತಾಪಮಾನ ಏರಿಕೆ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆಗಳ ದುಷ್ಪರಿಣಾಮಗಳ ಕುರಿತು ಒಂದು ಅಧ್ಯಯನ'

16. A survey on environmental awareness and responsibilities among PU college students.

ಪಿಯು ಕಾಲೇಜು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಪರಿಸರ ಜಾಗೃತಿ ಮತ್ತು ಜವಾಬ್ದಾರಿಗಳ ಕುರಿತು ಸಮೀಕ್ಷೆ.

17. Prepare a detailed report on socio-economic and cultural factors leading to environmental degradation-measures to overcome the problems-Role of 4R's in management of natural resources to meet human needs.

ಪರಿಸರ ವಿನಾಶಕ್ಕೆ ಕಾರಣವಾಗುವ ಸಾಮಾಜಿಕ - ಆರ್ಥಿಕ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಅಂಶಗಳ ಕುರಿತು ವಿವರವಾದ ವರದಿಯನ್ನು ಸಿದ್ಧಪಡಿಸಿ ಪರಿಸರ ಸಮಸ್ಯೆಗಳನ್ನು ನಿವಾರಿಸುವಲ್ಲಿ ಸೂಕ್ತ ಕ್ರಮಗಳನ್ನು ತಿಳಿಸಿ ಮಾನವನ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಲು ನೈಸರ್ಗಿಕ ಸಂಪನ್ಮೂಲಗಳ ಸಂರಕ್ಷಣೆಯಲ್ಲಿ 4R's ಗಳ ಪಾತ್ರವನ್ನು ಚರ್ಚಿಸಿರಿ.



DEPARTMENT OF SCHOOL EDUCATION  
(PRE-UNIVERSITY)

District: Bengaluru North District (AN)

PROJECTS/ASSIGNMENTS 2024-25

Subject: BASIC MATHEMATICS

Class: I PUC

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1. If  $a^x = bc$ ,  $b^y = ca$  and  $c^z = ab$ , show that  $xyz = x + y + z + 2$ .
2. If  $x^{\frac{5}{3}} - y^{\frac{1}{3}} - z = 0$ , then show that  $(x^5 - y - z^3)^3 = 27x^5yz^3$ .
3. Using logarithmic tables find the value of  $\frac{\sqrt{6.43} \times 0.5789}{(13.46)^{\frac{3}{2}}}$
4. Using logarithmic tables find the value of  $\frac{0.5679 \times 0.0789}{0.0073 \times 0.123}$
5. A person buys a used car for ₹1, 50,000 he pays ₹1, 00,000 Cash and agrees to pay the balance in annual installments of ₹5,000 plus 8% interest on the unpaid amount. How much will the Car Cost for him?
6. If  $a, b, c$  are in G.P. and  $a^x = b^y = c^z$ , show that  $x, y, z$  are in H.P.
7. A certain number is 4 times the sum of the digits. If 18 is added to the number, the digits get interchanged. Find the numbers.
8. Two sisters have their monthly incomes in the ratio 7:5 and their monthly spending is in the ratio 5:3. If each saves ₹60 per month, find their incomes.
9. A factory owner wants to replace his old machine by another machine with new technology which will cost him ₹75000. So he decides to sell his old machine which he purchased 10 years back for ₹60,000. If the rate of depreciation is 10% find how much more money he needs to buy the new machine?

10. A sum of ₹75,000 is to be divided between 2 persons aged 16 and 19 years in such a way that if their shares are invested at 6% p.a. compound interest they shall receive equal amounts on attaining the age of 21 years. How the sum will be divided and how much will they receive when they are 21 years old?
11. Shreya purchased a mobile paying Rs. 5000 as down payment. And promising to pay Rs. 200 every three months for the next 4 years. The seller charges interest at 8% p. a compounded quarterly. What is the cash price of the mobile if the payments are made at the beginning of each 3 months?
12. A person purchases a house for Rs. 25 lakhs with Rs. 5 lakhs as down payment. The Rest of the amount he loans from a bank which offers 16% p.a compound interest and has to repay the loan in 20 equal annual installments. If the first installment is paid at the end of the third year, find how much he has to pay each year?
13. An aeroplane flies once round a square whose side is 100 km long taking the first at 100 kmph., second at 200kmph, third at 300 kmph and the fourth at 400 kmph. Find the average speed of the plane in its flight along the square.
14. Due to increase in the price of sugar by 5%, a man reduces his consumption by 5%. Find the percentage increase or decrease in expenditure. What difference would it make if the price decreases by 5% and the consumption increases by 5%?
15. A wholesale dealer sold a machine to a shopkeeper at 20% profit. The shopkeeper sold it to a customer so as to get 25% profit for himself. The difference between the selling price of the shopkeeper and that of the whole sale dealer was found to be ₹129. Find the initial price of the machine.
16. The Co. decides to set up a small production plant for manufacturing electronic clock. The total cost/unit for initial set up (fixed cost) is Rs. 9 lakh.

The additional cost (variable cost) for producing each clock is Rs. 300 are produced and sold at Rs. 750 each.

- (a) Find the cost function  $C(x)$  for 'x' No. of clock.
- (b) Find the Revenue function  $R(x)$  for total revenue from the sale of 'x' clock.
- (c) Find the profit function  $p(x)$  for the total revenue from the sale of 'x' clock.
- (d) Determine the B.E.P.
- (e) What profit or loss the company incur during the first month when all the 1500 clocks are sold?

17. A manufacturer of a product sells his entire output ( $x$ ). His total revenue  $R(x) = 7x$  and  $C(x) = 6x + 800$  find the

- (a) BEP.
- (b) Write the Break Even chart.
- (c) The BEP output of the total fixed cost increased by 5%.

18. Find x if  $\frac{x \cdot \sin^2 300^\circ \cdot \sec^2 240^\circ}{\cos^2 225^\circ \cdot \operatorname{cosec}^2 240^\circ} = \cot^2 315^\circ \cdot \tan^2 300^\circ$

19. Find the values  $\theta$  of such that  $(0^\circ \leq \theta \leq 360^\circ)$

a)  $\sin \theta = \frac{1}{\sqrt{2}}$    b)  $\cos \theta = -\frac{\sqrt{3}}{2}$    c)  $\cot \theta = \frac{1}{\sqrt{3}}$    d)  $2 \sin \theta = \sqrt{3} \tan \theta$

20. Find the equation of the locus of points twice as far from  $(-a, 0)$  as from  $(a, 0)$ .