

GOVT. BILASA GIRLS' P.G. (Auto.) COLLEGE

Link Road, Bilaspur (C.G.)

Phone No. : 07752-224249, Website : www.bilasagirlscollege.ac.in



SYLLABUS

B.Sc. (Home Science)
(Plain/FQ/Fashion Designing)
Semester - V & VI



2021-22

Rules and Regulations for the Semester System at the Graduation Level

1. These subjects are compulsory for all students:-
 - (a) Environmental Studies (I Semester)
 - (b) English Language (II and III Semester)
 - (c) Hindi Language (IV and V Semester)
 - (d) Skill Based Course (VI Semester)
2. In each semester there will be only one theory paper in each elective Subject.
3. For Honours Degree Course, there will be one additional theory paper in each semester i.e. semesters, III to VI.
For Honours Degree Course, separate practical classes will be held round the year but the examinations shall be held only in even semesters i.e. semesters II, IV and VI.
4. **Marks Pattern:-**
 - (i) For non practical subjects, each theory paper will be of 100 marks i.e. 80 External + 20 Internal.
 - (ii) For practical subjects, each theory paper will be of 75 marks i.e. 60 External + 15 Internal.
 - (iii) Practical examination will be of 50 marks. Practical Classes will be held round the year but examination shall be held only in even semesters i.e. semesters II, IV and VI.
5. **Theory Examination:-**
Duration for theory examination shall be of two and half hours.
6. **Practical Examination:-**
Duration for Practical examination shall be as suggested in the syllabi.
7. **Admission Period:-**
 - (i) Admissions in the First Semester shall be completed before 15th of July every year.
 - (ii) Admissions in Semesters i.e. II, III, IV, V and VI shall be completed within 7 days after the completion of examinations on the provisional basis.
 - (iii) The provisional admission shall be regularized within 7 days from the date of declaration of result.
 - (iv) Request for permission for late admission shall not be entertained.
8. **Schedule of Classes-**
 - (i) I Semester's classes will be commenced from 16th of July every year
 - (ii) III and V Semester's classes will be commenced from 2nd July every year.
 - (iii) II, IV and VI Semester's classes will be commenced from 2nd January every year.
 - (iv) All the classes shall be continued till seven days prior to the commencement of the examination.
9. **Examination Schedule- Tentative Schedules of examinations are as under-**
 - (i) Odd semester (I, III & V) - 20th November to 20th December.
 - (ii) Even semester (II, IV & VI) - 15th April to 14th May.
10. **Examination Pattern -**
 - (a) Questions will be asked Unit wise and Section wise. Questions will be set from all Units Covering the entire syllabi.
 - (b) For non practical subjects, maximum marks will be 80 (External).
 - (c) For the practical based subjects, maximum marks will be 60 (External).
 - (d) In each theory paper there will be three sections and the marks distributed for different sections will be in the following pattern -

Theory (Non- Practical):- There will be three sections A, B and C in the question paper.
Section - A Objective Type/ In few words (30 words)

There will be 15 questions to be set, three from each unit and 10 to be attempted. Each question will carry 2 marks.

Section - B Short Answer Type (60 words)

There will be 5 questions to be set, 1 from each unit and all five questions to be attempted. Each question will carry 6 marks.

Section - C Long Answer / Eassy Type Question

There will be 5 questions to be set, 1 from each unit and 2 to be attempted. Each question will carry 15 marks.

Marks Scheme for - Non-practical subject -

| Types of Questions | Question to be set from each Unit | Total No. of Questions | Questions to be solved | Marks assigned | Total Marks |
|--------------------------------|-----------------------------------|------------------------|------------------------|----------------|-------------|
| Objective / In few words | 03 | 15 | 10 | 02 | 20 |
| Short Answer Type Questions | 01 | 05 | 05 | 06 | 30 |
| Long / Essay type of questions | 01 | 05 | 02 | 15 | 30 |
| Total - 80 | | | | | |

(i) **Theory (Practical Subject):-** There will be three sections A, B and C in the question paper.

Section - A Objective Type/ In few words (30 words)

There will be 15 questions to be set, three from each unit and 10 to be attempted. Each question will carry 2 marks.

Section - B Short Answer Type (60 words)

There will be 5 questions to be set, 1 from each unit and all five questions to be attempted. Each question will carry 4 marks.

Section - C Long Answer / Eassy Type Question

There will be 5 questions to be set, 1 from each unit and 2 to be attempted. Each question will carry 10 marks.

Marks Scheme for - Practical Subject -

| Types of Questions | Question to be set from each Unit | Total No. of Questions | Questions to be solved | Marks assigned | Total Marks |
|--------------------------------|-----------------------------------|------------------------|------------------------|----------------|-------------|
| Objective / In few words | 03 | 15 | 10 | 02 | 20 |
| Short Answer Type Questions | 01 | 05 | 05 | 04 | 20 |
| Long / Essay type of questions | 01 | 05 | 02 | 10 | 20 |
| Total - 60 | | | | | |

For question papers of compulsory papers of General group subjects i.e. Environmental Studies, English Language, Hindi Language and Skill Based Course, the pattern of question shall be applicable as suggested by the concerned Board of Studies.

(ii) Practical

| | <i>Each Practical</i> |
|--------------------------------|-----------------------|
| Laboratory Note Book / Project | 10 |
| Vive voce | 10 |
| Lab work / Field work | 30 |
| Total - 50 | |

- (e) In odd semester examination, a candidate shall appear in papers of odd semester(s) only. Similarly in even semester examinations, a candidate shall appear in papers of even semester(s) only. Papers of odd and even semesters shall not be confined in one examination.
- (f) Minimum passing marks for external/ semester end theory and practical shall be 34%.

- (g) There shall be provision of 3 grace marks and it would be distributed in maximum two theory Papers / Practical.

Internal Assessment

- Internal Tests are compulsory for theory papers and must be held as per following calendar:-
 Odd Semesters 1st Test - August, 2nd Test - October and 01 Assignment (during semester)
 Even Semesters 1st Test - February, 2nd Test - March and 01 Assignment (during semester)
- Each test & Assignment will be of 20 marks for the subjects without practical & 15 marks for the subjects having practicals. Average of the marks obtained in the best of two tests & assignment shall be incorporated as the final marks. Qualifying marks is 40%.
- If a candidate failed to attend the test on bonafide grounds, one special test may be arranged on the production of relevant documents, before submission of application forms and fees to the office.
- The Unit tests/Assignment marks to be sent to the examination cell of the college as per notification to be issued by the Principal/ Controller Examination from time to time.
- If a candidate (whose status is Regular / Ex/Supplementary) failed in First Year of the current session (2013-14) of annual system will be appeared in the first semester examination as ex-student with under the rules and regulations of Semester System. Number of Internal Test of passed year (2013-14) will not be incorporated or carried forward.

| | Non Practical Subject | | Practical Subject | |
|------------------|-----------------------|----------|-------------------|----------|
| | External | Internal | External | Internal |
| MAX MARKS | 80 | 20 | 60 | 15 |
| MIN MARKS | 28 | 08 | 21 | 06 |

Eligibility criteria for appearing in the examinations

- A candidate should have 75% of attendance both in theory and practical classes. 65% attendance may be considered only on special circumstances and on certification by the Principal of the college.
- A candidate shall have to qualify in the internal tests securing at least 40% marks.
- A candidate shall be allowed to appear in those papers only in which she has secured qualifying marks in internal test.
- If a candidate after taking admission in 1st semester could not continue the classes or could not obtain eligibility cannot appear in the 1st semester examinations. In such cases the student will not be allowed to continue in second semester and she has to continue the classes and obtain eligibility in 1st semester again in next academic year as ex-student.

11. Lecture Periods /Classes

There shall be a minimum of 50-60 hours Classes for each theory papers in respective course. Minimum of 50-60 hours shall be for each practical paper. This shall be strictly adhered to.

12. Other Guidelines

- There will be no provision for Revaluation, Supplementary or Betterment (Division Improvement).
- A candidate has to clear all the papers within 12 semesters (six years) from the year of first admission in the programme.
- A candidate will choose Honours subject just before the start of third semester from any one of the three elective subjects /group selected by her in the first semester. A candidate can change the Honours subject within 15 days from the date of admission in the third semester.
- The system of credit of ten point scale examination marks in the final mark sheet shall be introduced only after its formal approval by the competent authorities.

- (v) The system of Choice based credit system and Gradation system shall be introduced only after its formal approval by the competent authorities.

For Honours Degree Course (Total Marks: 2800).

13. Admission -

The process of admission in Honours Degree Course will be as follows -

- (i) Student shall select course (Pass Course / Honours Degree Course) at the time of first admission in the college.
- (ii) Admission shall be on merit basis after receiving the application from students.
- (iii) Number of seats for Honours Degree Course will be decided as per the Govt. Rules.

(A) Each theory Paper (Non Practical Subject)

| <i>Each Theory Paper</i> | | <i>Internal Assessment</i> | |
|--------------------------|------------------------|----------------------------|----------------------|
| Full Marks | Minimum Passing 34% | Full Marks | Minimum Marks 40% |
| 80 | 28 | 20 | 08 |

(B) Each theory Paper (Practical Subject)

| <i>Each Theory Paper</i> | | <i>Internal Assessment</i> | |
|--------------------------|------------------------|----------------------------|----------------------|
| Full Marks | Minimum Passing 34% | Full Marks | Minimum Marks 40% |
| 60 | 21 | 15 | 06 |

(C) Each Practical Paper

| <i>Minimum Passing Percentage</i> | <i>Full Marks</i> | <i>Minimum Passing Marks</i> |
|-----------------------------------|-------------------|------------------------------|
| 34% | 50 | 17 |

(D) Grace Marks

Total/Maximum 03 in two theory paper/practical.

Amendments in Promotion Rules for Semester System at the Graduation Level

- (a) A Candidate is eligible to continue the second semester classes immediately after the 1st Semester examinations and can appear in the 2nd semester examinations notwithstanding the number of arrear papers in 1st semester provided she must have appeared in the 1st semester examination.
- (b) A candidate will be promoted to 3rd semester with not more than two papers of 1st semester and she will continue to attend classes of 3rd semester provisionally. She will be allowed to get final admission in the 3rd semester with maximum of four back papers in all 1st semester and 2nd semester.
- (c) A Candidate is eligible to continue the 4th semester classes immediately after 3rd semester examination and can appear in the 4th semester examination with maximum 2 back papers in 1st semester and/or any numbers of back papers in 2nd and 3rd semester.
- (d) A candidate will be promoted in 5th semester with not more than 2 back papers in 3rd semester and not more than 4 back papers in all 3rd and 4th semester provided she has cleared 1st and 2nd semester examination.
- (e) A candidate is eligible to continue the 6th semester immediately after the 5th semester examination and can appear in 6th semester examination with maximum of 2 back papers in 3rd semester and/or any number of back papers in 4th and 5th semester examination.
- (f) If a Candidate of 6th Semester is passed in all the semesters except the 5th Semester with back in only one subject, she is allowed to appear in the back paper of the 5th Semester with the examination of 6th Semester.

- (g) The students at the UG Level can view their valued answer copies and apply for the **Challenged Valuation** within 03 days from the date of the declaration of the result.
- (h) A candidate will be eligible to get Graduation and Graduation Honours degree after passing all the six semester examination. For cleaning all semester papers a candidate will be given a period 6 years (12 semesters) from the year of first admission.

सेमेस्टर स्नातक स्तर प्रमोशन नियम

प्रथम सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में छात्राओं का प्रवेश छ.ग. शासन के प्रवेश नियम के आधार पर किया जावेगा।

द्वितीय सेमेस्टर में प्रवेश की पात्रता:-

- विद्यार्थी को प्रथम सेमेस्टर की परीक्षा के तत्काल बाद कितने भी विषयों में बैक के साथ द्वितीय सेमेस्टर में अध्ययन की पात्रता होगी, बशर्ते वह प्रथम सेमेस्टर की परीक्षा में शामिल हुआ हो।

तृतीय सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में 02 से अधिक विषयों में बैक नहीं होना चाहिए।
- प्रथम एवं द्वितीय सेमेस्टर में सम्मिलित रूप से 04 विषयों से अधिक में बैक न हो।

चतुर्थ सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में 02 से अधिक विषयों में बैक नहीं होना चाहिए।
- द्वितीय एवं तृतीय सेमेस्टर में कितने भी विषयों में बैक हो।

पंचम सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर उत्तीर्ण होना चाहिए।
- द्वितीय सेमेस्टर उत्तीर्ण होना चाहिए।
- तृतीय सेमेस्टर में 02 से अधिक विषयों में बैक न हो।
- तृतीय एवं चतुर्थ सेमेस्टर में सम्मिलित रूप से 04 विषयों से अधिक में बैक न हो।

षष्ठम सेमेस्टर में प्रवेश की पात्रता:-






- प्रथम सेमेस्टर उत्तीर्ण होना चाहिए।
- द्वितीय सेमेस्टर उत्तीर्ण होना चाहिए।
- तृतीय सेमेस्टर में 02 से अधिक विषयों में बैक न हो।
- चतुर्थ एवं पंचम सेमेस्टर में कितने भी विषयों में बैक हो।
- यदि कोई छात्रा सभी सेमेस्टर में उत्तीर्ण है एवं केवल पंचम सेमेस्टर में 01 (एक) विषय में बैक है, ऐसी छात्रा को षष्ठम सेमेस्टर की परीक्षा के साथ परीक्षा देने का अवसर दिया जावेगा।
- विशेष -
 - ✓ मूल्यांकित उत्तर-पुस्तिकाओं के अवलोकन व Challenged Valuation की प्रक्रिया इस स्नातक स्तर सेमेस्टर परीक्षा अप्रैल-मई से लागू है। छात्राएं परीक्षा परिणाम घोषित होने की तिथि से 3 दिन के भीतर इस हेतु आवेदन प्राचार्य को दे सकती हैं।
 - ✓ विद्यार्थी को स्नातक एवं स्नातक आर्नस की उपाधि तभी प्राप्त होगी जबकि उसने सभी 06 सेमेस्टर की परीक्षाएँ उत्तीर्ण कर ली हों एवं 06 सेमेस्टर की परीक्षाएँ उत्तीर्ण करने हेतु उसे प्रथम प्रवेश की तिथि से लेकर 06 वर्षों की अवधि प्राप्त होगी।
 - ✓ छात्रा जिस सत्र बैक की परीक्षा में सम्मिलित होगी उसी सत्र का पाठ्यक्रम एवं परीक्षा संबंधी नियम लागू होगा।

**BSc (Home Science)
SEMESTER V
MARKING SCHEME**

| Sr No | Name of the Paper | Theory | Internal Assessment | Total |
|-------|--------------------------|--------|---------------------|-------|
| 1 | Hindi Language | 60 | 15 | 75 |
| 2 | Nutritional Biochemistry | 60 | 15 | 75 |
| 3 | ECCE | 60 | 15 | 75 |
| 4 | Consumer Economics/FQ/FD | 60 | 15 | 75 |

| Sr No | Name of Practical | Marks |
|-------|--------------------------|-------|
| 1 | Nutritional Biochemistry | 50 |
| 2 | ECCE | 50 |
| 3 | Consumer Economics | 50 |

Total Marks = 450

 Tushin Kile
 Suman

हिन्दी साहित्य (सामान्य हिन्दी)

सत्र : 2021-22

पंचम सत्र (सेमेस्टर)

अनिवार्य प्रश्न पत्र

बी.ए. / बी.एस.सी. / बी.कॉम. / बी.एच.एस.सी.

अंक योजना पूर्णांक : 100

मुख्य परीक्षा : 80

आंतरिक मूल्यांकन : 20

इकाई - 1 (क) चोरी और प्रायश्चित (निबंध) - महात्मा गांधी
(ख) 1. कार्यालयीन भाषा 2. मीडिया की भाषा

इकाई - 2 (क) युवकों का समाज में स्थान - आचार्य नरेन्द्र देव
(ख) 1. वित्त और वाणिज्य की भाषा
2. मशीनी भाषा

इकाई - 3 (क) मातृभूमि - वायुदेवशरण अग्रवाल
(ख) 1. संज्ञा 2. सर्वनाम 3. विशेषण
(ग) समाचार लेखन (रिपोर्टिंग) समाचार के प्रकार, समाचार लेखन के महत्वपूर्ण अंग।

इकाई - 4 (क) डॉ. खूबचंद बघेल - हरि ठाकुर
(ख) 1. समास 2. संधि

इकाई - 5 (क) संभाषण कुशलता - माधवराव सप्रे
(ख) 1. अंग्रेजी से हिन्दी अनुवाद 2. संक्षिप्तियां

पाठ्यक्रम का औचित्य - विद्यार्थी चर्चित एवं प्रसिद्ध व्यक्तियों के लेखों के माध्यम से समाज एवं राष्ट्रहित के साथ-साथ व्यक्तित्व का विकास विषयक मुद्दों से परिचित हो सके तथा व्याकरणिक एवं भाषा विषयक प्रस्तावित पाठ्यक्रम के माध्यम से हिन्दी भाषा संबंधी प्रयोग पक्ष से परिचित होते हुए प्रतियोगी परीक्षाओं की दृष्टि से ज्ञानार्जन कर सकें।

Ashukig
25/10/21

20/10

[Signature]

[Signature]

25/10/21

[Signature]

अंक-विभाजन

| खण्ड | प्रश्न का प्रकार | विवरण | शब्द सीमा | चयन प्रश्न संख्या | प्रत्येक में अंक | कुल अंक |
|------------------|-----------------------------------|---|-----------|-------------------|------------------|---------|
| प्रथम | अतिलघुउत्तरीय / वस्तुनिष्ठ प्रश्न | प्रत्येक इकाई से प्रश्न चुने जाने हैं। | - | 06 | 02 | 12 |
| द्वितीय | लघुउत्तरीय प्रश्न | प्रत्येक इकाई से कम से कम 07 प्रश्न पूछे जाएंगे, (व्याख्या करना भी है) जिसमें से कोई 04 प्रश्न चयन किए जायेंगे। | 60 | 04 | 05 | 20 |
| तृतीय | दीर्घउत्तरीय प्रश्न | प्रत्येक इकाई से, कम से कम 07 प्रश्न पूछे जायेंगे, जिसमें से कोई 04 प्रश्न चयन किए जायेंगे। | नहीं | 04 | 12 | 48 |
| अंक जोड़ | | | | | | 80 |
| आंतरिक मूल्यांकन | | | | | | 20 |
| कुल अंक | | | | | | 100 |

Ashukey




20/10

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4

BSc HOME SCIENCE
SEMESTER V
PAPER-I
NUTRITIONAL BIOCHEMISTRY

M.M. 60

UNIT-I.

(A) Introduction to Biochemistry - definition, objectives, scope, and interrelationship between Biochemistry and other biological sciences.

(B) Carbohydrates - Definition, classifications functions and properties of Monosaccharides - Glucose, Fructose, Galactose, Disaccharides- Maltose, Lactose, Sucrose Polysaccharides Dextrin, Starch, Glycogen Glycolysis, Gluconeogenesis, Glycogenesis, Glycogenolysis, citric and cycle. Blood sugar regulation.

UNIT-II

(A) Lipids - Definition, composition, importance and classification Fatty acids - Functions, properties Significance of Acid value, Iodine value and saponification value. Chemistry and function of Phospholipids, Glycolipids and sterols. Metabolism - B (Beta) Oxidation.

(B) Aspects of transport - Passive diffusion, Facilitated diffusion, Active transport.

UNIT-III

(A) Proteins - Definition composition function, and classification.

Amino acids- Essential and Nonessential. Metabolism - Urea cycle, Nitrogen balance, Amino acid pool.

(B) Enzymes- Definition, properties, classification, Mode of action of enzymes, factors affecting velocity of enzyme catalyzed reactions, coenzymes.

UNIT-IV

(A) Hormones • Biological roles of hormones of Pituitary, Adrenal cortex and medulla, Thyroid, Parathyroid, Pancreas, Sex glands.

(B) Urine - Formation and Composition.

UNIT-V

(A) Energy - Definition, Unit, calorimeter, caloric value of foods, BMR, RQ, SDA of Foods.

(B) Nucleic Acid and Nucleo-proteins - Chemistry, composition, structure, functions.

Handwritten signatures and notes:
S. B. ...
Suman
Pawankale

BSc HOME SCIENCE

SEMESTER-V

PAPER-II

MARKS-60

EARLY CHILDHOOD CARE & EDUCATION

UNIT-I Significance and objectives if Early Childhood care & education-

- Significance if early childhood years in individual's development
- Meaning and need for intervention programme for better growth and development
- Objectives of ECCE
- Different types of programmes currently offered, objectives of the programmes routine and target group covered by each of the following-
ECE Programme- Balwadi, Aanganvadi, Nursery school, Kinder garden, Montessori School, Laboratory nursery school
ECCE Programme-ICDS and Mobile crutch, Day Care Centre

UNIT-II Current status and expansion and scope of ECE to ECCE-

- Expansion from ECE TO ECCE
- Current / status of ECCE Programme
- Objectives- staff qualifications, teacher- children ratio, Indoor and Out door Play space, Play facilities, Equipments, curriculum and evaluation
- Admission tests and effects on children
- Needs for ECCE Programmes to provide quality acre where mothers are at work

UNIT-III Meaning of curriculum, foundation of curriculum development -

- Impact of play as meanings of development and learning
- Teacher's role in creating environment and promoting play
- Classical theories of play- surplus energy theory, relaxation theory, pre- exercise and recapitulation theory

Programme Planning-

- Approaches to learning- incidental and planned learning
- Principles of programme planning - from known to unknown, simple to complex, concrete to abstract
- Factors influencing programme planning
- Balance between individual and group activity, indoor and out door play, guided and free activities quite and active plays.

UNIT- IV Language -

- Goals of language teaching
- Readiness for ready and writing, meaning of readiness
- Factors to be considered for readiness- age , vision, caring, physical, emotional , social ,experimental background, finger- motor coordination, eye-hand coordination, reading from left to right and top to bottom

Mathematics-

- Importance of number and mathematics
- Number as a language and history of its development
- Abstract nature of number

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- Mathematical readiness
- Decimal system
- Number line position and relevance of zero
- Subtraction, multiplication and division
- Two and three dimensional shapes- properties , characteristics

UNIT V Project Method-

- Introduction
- Meaning and advantages of using project method
- Planning
- Resource unit

Alternative to home work-

- Disadvantages of learning by role
- Suitable alternatives such as observations, experimentation and reporting orally, picture etc
- Something related to the concepts covered in class

Evaluation-

- Need for evaluation
- Formatting evaluation
- Method of evaluation- Observations
- Evaluation of daily work, tools for evaluation
- Reporting to parents

Twinkle
↓
S. J. An
M. S.
Suman

SEMESTER V

PAPER-III

CONSUMER ECONOMICS

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UNIT-I Consumption Economics.

- (1) Meaning and definition
- (2) Family as a decision making unit of house hold
- (3) Consumer - definition

Measures of living and consumption

- (1) Place of living
- (2) Level of living
- (3) Standard of living
- (4) Plan of consumption
- (5) Level of consumption
- (6) Standard of consumption
- (7) Price/Price level/cost of living

UNIT-II Consumer income

- (1) Types of income - real, money, psychic, national income, disposable income Market.
- (1) Definition
- (2) Type of market Segmentation and characteristics
- (3) Functions
- (4) Channels of distribution

UNIT-III Consumer in the market

- (1) Consumer buying habits - Convenience goods
- (2) Buying motives - Primary selective, rational emotional

Types of Products

Advertisement, Sales, Promotion packing

Consumer Buying Problems

- (1) Adulteration
- (2) Faculty weights and measures
- (3) Pricing
- (4) Legal - guarantee and warrantee contracts, installment buying

UNIT-IV Consumer protection services

- (1) Organizations
- (2) Legislation - import laws for consumer protection
- (3) Consumer representation

Consumer and consumers problems

- (1) Definition of consumers
- (2) Choice and buying problems of consumers

Consumer Protection Law

- (1) Definition of laws, Types of laws importance of law

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- (1) Consumer Decision making
- (2) Factors effecting consumer decisions in the market
- (3) Good buy mans hip
- (4) Consumer aides for decision making Consumer rights and responsibilities

UNIT-V Consumer Awareness Programmes-

- (1) Indian Standard Institution
- (2) Educational Institution
- (3) Consumer Co-operatives
- (4) Government Agencies Municipality
- (5) Consumer organizations – origin, functioning, role and types.
- (6) Consumer cooperatives – role, history and growth in India, PDS Kendriya Bhandars.
- (7) Basic legislative framework for consumer protection in India, Consumer Protection

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**BSc (Home Science)
SEMESTER VI**

MARKING SCHEME

| Sr No | Name of the Paper | Theory | Internal Assessment | Total |
|-------|---|--------|---------------------|-------|
| 1 | Skill Course | 60 | 15 | 25 |
| 2 | Nutritional Management in Health & Diseases | 60 | 15 | 75 |
| 3 | Apparel Making & Fashion Designing/FQ/FD | 60 | 15 | 75 |
| 4 | Communication Process in Development | 60 | 15 | 75 |

| Sr No | Name of Practical | Marks |
|-------|---|-------|
| 1 | Nutritional Management in Health & Diseases | 50 |
| 2 | Apparel Making & Fashion Designing | 50 |
| 3 | Communication Process in Development | 50 |

Total Marks =450

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BSC HOME SCIENCE
SEMESTER VI

PAPER-I

NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASES

Marks : 60

Unit- I: Definition of Health & Nutrition-

Dimensions of health (Physical, Psychological, Emotional)

Energy Requirements-Factors affecting energy requirements-

BMR, Activity, Age, Climate, Diet- Induced Thermo genesis (SDA), Physiological conditions

Concept of Nutritionally adequate diet & meal Planning-

- Importance of Meal Planning

Factors affecting meal planning- Nutritional, Socio-cultural, religious, geographic, economic, availability of time

Unit II: Nutrition through the life cycle-

(At different activity and socio economic levels), Nutritional requirements, nutritional problems, food selections-

- Pregnancy
- Lactation
- Infancy
- Pre-school
- Adolescents
- Adulthood
- Old age

Unit- III Principles of diet therapy

- Principles of diet therapy- Modifications of normal diet for therapeutic purposes, Full diet, Soft Diet, Fluid Diet, Bland Diet
- energy modification and nutrition for weight management
- Identifying for over weight and obesological factors contributing to obesity.
- Prevention and treatment. low energy diets
- Underweight- Etiology and assessment , high energy diet
- Diet for febrile condition and surgical conditions
- Nutritional anemia's
- Diet of infections – Typhoid

Unit IV: Etiology, Symptoms and diet management of the following-

- (a) Diarrhoea
- (b) Constipation
- (c) Peptic ulcer
- (d) Jaundice
- (e) Viral Hepatitis
- (f) Cirrhosis
- (g) Arthritis
- (h) Gout

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Unit V: Diet in Diseases of the endocrine-

Pancreas- Diabetes Mellitus, Classification, symptoms, diagnosis , Dietary counseling and nutritional management. Metabolism in Diabetes, management of Diabetes Mellitus, Insulin therapy, oral hypoglycemic agents, special dietetic foods , sweeteners and sugar substitutes. Diabetic coma, Juvenile diabetes.

- Diseases of the cardio-vascular system-Atherosclerosis- etiology and risk factors, hypertension- etiology and prevalence, nutritional management and prevention.
- Renal Diseases- etiology and characteristics –symptoms and dietary management of Glomerulonephritis- Acute and Chronic.

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BSc HOME SCIENCE

SEMESTER VI

PAPER-II

MARKS-60

APPAREL MAKING & FASHION DESIGNING

UNIT-I

Introduction Importance of Clothing, Sociological & psychological aspects of clothing Fabrics to be considered while selecting of fabric for different garment-Estimation of material required for different garments (cloth estimation) Study of fabric finishes - Meaning, objective facilities, General & special.

UNIT-II

Experiments & principles of design : Meaning methods of creating importance Elements of principles of design as applied, to apparel designing - Harmony, balance proportion, Rhythm & emphasis.

Element :- Lines, shapes / forms. Colour consideration: Definition, Dimensions, characteristics colour systems & colour schemes. Classification & Process of designing -

-Structural

-Decorative Realistic

-Abstract

-Stylized

-Geometric

-Traditional

-Big & small design

UNIT-III

Fashion - Definition, Fashion trends in India & changes , Theories, Body measurements , Tailoring tools & Equipments , Methods of taking, body measurements , For different garments , Importance, Pattern making techniques, Flat pattern , Drafting, Drapping

UNIT-IV

Fashion Illustrations: - Disposals of fullness

- 1.. Plackets - One piece , two piece, seam invertible , Continuous
- 2: Neck lines
3. Collie's
4. Sleeve details
5. Factories
6. Frill & gather!
7. Pleats & Tucks ..
8. Darts
9. Patch work
10. Seams & seam finishes

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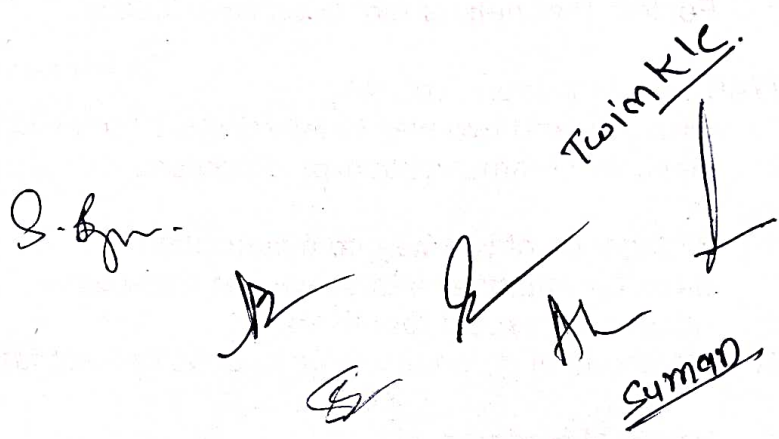
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UNIT-V

Fundamentals of Embroidery:-

Techniques, design colour, uses of different combination - threads;

Embroidery stick - Types, Types of thread, needle, used for different fabrics., Study of traditional Embroideries of India. Kasida of Kashmiri, Kantha of Bengal, Chichenkari of Lucknow, Kutch & kathiawan, Kasuti of Karnataka, Phulkari of Punjab . , Gold & Silver (Zari work) . Appliqué work .



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**BSc HOME SCIENCE
SEMESTER VI
PAPER-III**

COMMUNICATION PROCESS IN DEVELOPMENT

MARKS-60

UNIT-I Concept of development communication (3)

- * Meaning and importance of communication in development
- * The purpose of communication
- * Existing patterns of communication
- * Factors that help or hinder communication

UNIT-II Communication Process (3)

- * One-way and two-way or interactive communication
- * Gaps in communication or distortions in transmission of message and their causes.
- * Importance of two way communication
- * Basis for effective, interactive communication.
- * Attitude of respect for others

UNIT-III Methods of communication in Development Methods to reach individuals (10)

- * Personal conference
- * Interviews
- * House visits
- * Exhibits
- * Methods to reach small groups
- * Illustrated lecture
- * Group discussions
 - Fish Bowl
 - Small group
- * Co-operation

UNIT-IV

- * Role Plays
- * Demonstrations
- * Workshop
- * Camps
- * Radio announcements/ programmes
- * Newspaper stories
- * Posters
- * Videos, films
- * Television programmes
- * Letters, folders of pamphlets
- * Public meetings

UNIT-V Media for development communication

- * Folk media

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- * Songs
- * Stories
- * Street-theatre
- * Games
- * Arts
- * Puppet play
- * Print Media
- * Posters
- * Pamphlets, leaflets
- * Newspapers - articles, stories
- * Periodicals - articles, stories, songs
- * Books
- * Cartoons
- * Audio/Visuals, Audo-Visual Media
- * Audio-tapes, radio broadcasts
- * Slides, pictures, drawings, photographs etc.
- * Videos, telecasts
- * Films-documentary, feature

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BSc HOME SCIENCE

SEMESTER VI

PRACTICAL I

MARKS-50

BIOCHEMISTRY AND DIET THERAPY

PART A

PRACTICALS (Any Six)

1. Identification of Glucose, Fructose, Maltose, Lactose, Sucrose, Starch.
2. Colour and precipitation reactions of Protein.
3. Colour reactions of cholesterol
4. Estimation of Glucose by Benedict's method.
5. Estimation of Ascorbic acid by Iodometric method.
6. Estimation of Glycine by Titration.
7. Estimation of Haemoglobin by acid Haematin method.
8. Preparation of Haemin crystals.
9. Action of Salivary amylase on conversion of starch.

PART B-

- Use and care of kitchen equipments
- Weights and measures – standard and household measures for raw and cooked foods
- Soft, bland high and low fiber diet
- High and low protein diet High and low fat diet

- High and low caboose diet
- High and low sodium diet
- High and low potassium diet
- High and low calcium diet

Planning & Preparation of Normal and Therapeutic diet in relation to special nutrient requirements

1. Geriatric Person
2. Pregnancy
3. Lactation
4. Constipation
5. Diarrhoea
6. Obseity
7. Under weight
8. Peptic Ulcer
9. Jaundice
10. Viral Hepatitis
11. Cirrhosis
12. Acute glomerulo nephritis
13. Chronic glomerulo nephritis
14. Diabetes mellitus
 - (i) With Insulin
 - (ii) Without Insulin
15. Hypertension
16. Atherosclerosis

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**BSc HOME SCIENCE
SEMESTER VI
PRACTICAL II**

MARKS-50

**PART A
PRACTICAL**

PRACTICALS : (any four)

1. Plan three activities for children : list objectives, analyst tasks to achieve goals, select and organize instructional and .learning materials, teacher's role, preparation of evaluation sheets i.e. chick list, rating scale.
2. Prewriting activities.
- 3.(a) Mathematics
 - (b) Readiness
 - (c) Materials for classifying, comparing, serrations, patterning, counting shapes, fractions, list vocabulary related to mathematical concepts.
 - (d) Material for addition, subtraction, multiplication and divisions. ,
 - (e) Graphs.
 - (f) Experiences for understanding time distance weight, capacity and money.
4. Plan science experiences.
5. Plan a project based on lessons of first and second standard, plan activities which children can do at home.

PART B

PRACTICALS :-TECHNIQUES (any seven)

1. Preparation of paper pattern for all age groups
 - (A) Creeping age
 - (B) Preschools
 - (C) For Children wear
 - (D) For men's wear
 - (E) For Ladies wear
2. Adoption of the basic block to various clothes & their stitching Saree - blouses; Satwar; Chudidar Kameez; Petticoats; Frock; Night Dress.
3. Making samples of traditional embroideries of India (any five),
 - (i) Kashida of Kashmir
 - (ii) Kantha of Bengal,
 - (iii) Kasuti of Karnataka
 - (iv) Kutch Kathiawar
 - (v) 'Phulkari of Punjab
 - (vi) Chikankari of Lacknow
 - (vii) Gold & Silver (Zari work)
4. Free hand sketching of simple objects involving various shapes & forms.

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5. Drawing designs for various textile articles by adopting principles of design.
6. Drawing & colouring a colour wheel.
7. Painting designs with different colour schemes.
8. Reducing & enlarging a design.
9. Creating various textures.

Q. 1

Q. 2

Q. 3

Q. 4

Q. 5

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Q. 6

BSc HOME SCIENCE
SEMESTER VI
PRACTICAL -III

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MARKS-50

PART-A

PRACTICALS

- (1) Selection of Relevant Topics
- (2) Written matter (typed 20 pages, double space, A-4 size paper).
- (3) Oral Presentation of 20 minutes, by the student.
- (4) Audio Visual aids to be used in presentation.
- (5) Q.A. session of 10 minutes.
- (6) File presentation by the student.
- (7) List of reference/Source to be written in the report.

PART B

PRACTICALS (ANY SIX)

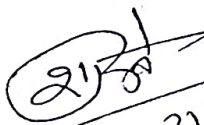
1. Organizing group discussion.
2. Organizing group demonstration.
3. Preparation & Presentation of Audio visual aids, i.e. Posters, Charts, Cartoons, Models Puppets.
4. Problem/need identification of a community.
5. Planning an educational programme.
6. Evaluation of the effectiveness of methods and media.
7. Visit to Radio Station/T.V. Centre/Printing Press.
8. Preparation of Drama based on Social Development.

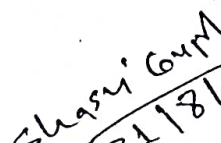
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M. A. S. Suman

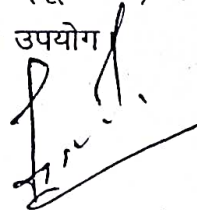

विषय-समाजशास्त्र
प्रस्तावित पाठ्यक्रम
बी.ए.-VI(छठवां) सेमेस्टर
सामाजिक अनुसंधान की पद्धतियां

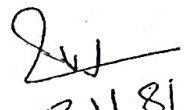
पूर्णांक ८०
 आंतरिक अंक २०
 न्यूनतम अंक २८

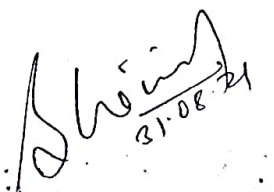
- इकाई एक-** सामाजिक अनुसंधान- अर्थ, विशेषताएं एवं महत्व
 वैज्ञानिक पद्धति, उपकल्पना।
- इकाई दो-** गुणात्मक अनुसंधान- नृजाति वर्णन, अवलोकन,
 वैयक्तिक अध्ययन पद्धति, अन्तर्वस्तु विश्लेषण।
- इकाई तीन-** शोध अभिकल्प-अन्वेषणात्मक अथवा निरूपणात्मक शोध प्रारूप,
 वर्णनात्मक, विवरणात्मक, प्रयोगात्मक, निदानात्मक प्रारूप।
- इकाई चार-** सामाजिक अनुसंधान के उपकरण एवं पद्धतियां-
 सामाजिक सर्वेक्षण, निदर्शन, प्रश्नावली, साक्षात्कार-अनुसूची, साक्षात्कार-निर्देशिका
- इकाई पांच-** सामाजिक सांख्यिकी- अर्थ, महत्व तथा सीमाएं
 रेखाचित्र, (बिन्दु रेखिय प्रदर्शन), चित्रमय प्रदर्शन,
 केन्द्रीय प्रवृत्ति की माप-माध्य, बहुलक (भूयिष्ठक) एवं माध्यिका, सहसंबंध
 सामाजिक अनुसंधान में कम्प्यूटर का उपयोग।


 31-8-21


 Shashi Gaur
 31/8/21



 31/8/21


 31/8/21


 31-08-21

Skill Development के अंतर्गत
वैकल्पिक पाठ्यक्रम सत्र 2021-22
ट्रांसलेशन प्रोफिसियेंसी (अनुवाद सामर्थ्य)
बी.ए./बी.एस-सी./बी.कॉम./बी.एच.एस-सी.

अंक योजना पूर्णांक : 100
मुख्य परीक्षा : 80
आंतरिक मूल्यांकन : 20

उद्देश्य -

आधुनिक युग में अनुवाद सामर्थ्य का महत्व अभिव्यक्ति-कौशल के साथ अंग्रेजी, हिंदी और आंचलिक भाषा छत्तीसगढ़ी में सक्षम होकर व्यक्तित्व विकास करना है। केन्द्र सरकार, राज्य शासन के समानांतर अर्द्धशासकीय और निजी संस्थानों में आजीविका की दृष्टि से इस पाठ्यक्रम का महत्व अधिक है। हिंदी भाषा में पारंगत होने के साथ इस पाठ्यक्रम से अंग्रेजी और छत्तीसगढ़ी में दक्षता होने से छात्रों का सम्यक विकास संभावित है जिससे उनमें इस पाठ्यक्रम के द्वारा रोजगार के अवसर उपलब्ध हो सकेंगे।

अनुवाद, राजभाषा सहायक, हिंदी अधिकारी, ट्यूटर विक्रेता प्रतिनिधि, दूरदर्शन और आकाशवाणी के उद्घोषक व समाचार पत्रों के संवाददाता।

पाठ्यक्रम -

- | | |
|----------|---------------------------------|
| इकाई - 1 | अनुवाद - परिभाषा, लक्षण, स्वरूप |
| इकाई - 2 | अच्छे अनुवाद के गुण |
| इकाई - 3 | स्वर-व्यंजन वाक्य शुद्धि |
| इकाई - 4 | कार्यालयीन हिंदी और अनुवाद |
| इकाई - 5 | अनुवाद - अंग्रेजी से हिंदी |

प्रायोगिक (व्यावहारिक) परियोजना कार्य

20

- अंक
1. स्थानीय अथवा बाहरी सरकारी, अर्द्धसरकारी संस्थानों में परिभ्रमण के आधार पर दिए गए किसी भी विषय पर परियोजना रिपोर्ट तैयार करना।
 2. सामूहिक चर्चा।
 3. उच्चारण-अभ्यास।

संदर्भ ग्रंथ -

1. अनुवाद विज्ञान - सिद्धांत और प्रयोग, डॉ. जयश्री शुक्ल, वैभव प्रकाशन, रायपुर।
2. अनुवाद समझें एवं करें, डॉ. विचार दास सुमन, वाणी प्रकाशन, नई दिल्ली।
3. व्यावहारिक हिंदी व्याकरण तथा रचना, डॉ. हरदेव बाहरी, वाणी प्रकाशन नई दिल्ली।

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20/10/21

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20/10/21

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अंक-विभाजन

| खण्ड | प्रश्न का प्रकार | विवरण | शब्द सीमा | चयन प्रश्न संख्या | प्रत्येक में अंक, | कुल अंक |
|------------------|----------------------------------|---|-----------|-------------------|-------------------|---------|
| प्रथम | अतिलघुउत्तरीय/ वस्तुनिष्ठ प्रश्न | प्रत्येक इकाई से प्रश्न चुने जाने हैं। | - | 06 | 02 | 12 |
| द्वितीय | लघुउत्तरीय प्रश्न | प्रत्येक इकाई से कम से कम 07 प्रश्न पूछे जाएंगे, (व्याख्या करना भी है) जिसमें से कोई 04 प्रश्न चयन किए जायेंगे। | 60 | 04 | 05 | 20 |
| तृतीय | दीर्घउत्तरीय प्रश्न | प्रत्येक इकाई से, कम से कम 07 प्रश्न पूछे जायेंगे, जिसमें से कोई 04 प्रश्न चयन किए जायेंगे। | नहीं | 04 | 12 | 48 |
| अंक जोड़ | | | | | | 80 |
| आंतरिक मूल्यांकन | | | | | | 20 |
| कुल अंक | | | | | | 100 |

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20/10

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20/10/21

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GOVT. BILASA GIRLS' P.G. (AUTO.) COLLEGE
BILASPUR (C.G)
SYLLABUS 2021-2022
CLASS: B.A./B.SC/B.COM/B.SC.(H.Sc.)/BCA/BBA

Max. M:- 60
Min. M - 21

SEMESTER- VI
BASICS OF WRITING SKILL

Note:

- All questions are compulsory
- Questions are to be set from each unit
- There will be internal choice in each unit. Marks are indicated against the units.

UNIT-I Parts of Speech I

- a) Noun 05
- b) Pronoun 05

UNIT-II Parts of Speech II

- a) Verbs 05
- b) Adverbs 05
- c) Adjectives 05

UNIT-III Sentence Writing I [Interchange of Sentences]

- a) Affirmative to Negative Sentences 05
- b) Interrogative and Assertive Sentences 05
- c) Exclamatory and Assertive Sentences 05

UNIT-IV Sentence Writing II [Conversion of Sentences]

- a) Simple Sentences to Compound Sentences & Compound to Simple Sentences 05
- b) Simple Sentences into Complex & Complex to Simple Sentences 05

UNIT-V (a) Notice Writing
(b) Arranging Sentences

05
05

Recommended Books:

- Synergy by Orient Blackswan.
- Advanced English Grammar by Martin Hewings.
- English Grammar and Composition by Wren and Martin.
- Total English by Beeta Publications.

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Suman
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Sanjay
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R. Melhadi
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Skill Development course
Semester VI
BAKERY

MARKS-60

UNIT-I

Introduction and scope of bakery, various kind of baking, products, structure of wheat grain.

Flours- types of flours available, composition, gluten, baking process.

UNIT-II

Raw materials required for bread making: role of flours, water, yeast, salt, sugar, milk and fat and other ingredient- egg, fruit, dried fruits, nuts, chocolates.

Leavening agents- fermentative and non fermentative, natural and chemicals- air steam, yeast.

UNIT-III

Bread making process, methods of bread making- straight dough method, delayed salt method, no time dough method, sponge and dough methods, characteristics of good bread, bread faults and their remedies.

UNIT-IV

Cakes- types of cakes, cake making process, cake making methods- Genoise methods, blending method, rubbing method, creaming method, sponge method, characteristics of good cakes, cake faults and remedies, importance of temperature for baking, icing & types of icing.

UNIT-V

Pasty making, biscuit, types of biscuit, cookies, characteristics of good cookies, cookies making methods- one stag methods, creaming method, sponge methods, types of cookies.

Importance of hygiene in bakery.

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Skill Development course
Semester VI
BAKERY

PRACTICALS

Marks-25

1. Weighing
2. Bread, toasts, Rusks and pizzas base.
3. Cake making- Sponge cake, Rock cake, fruit cake, fatless cake, Black forest cake, butter cake, Genoise cake, Birthday cake, Chocolate dipping cake, Wedding cake, Cheese cake.
4. Muffins and pastries
5. Biscuits- Salted Biscuits, Sweet, Ginger, Nankhatai, Nut biscuit, Chocolate and Cheese biscuits
6. Patties- Veg Patties, Cheese Patties
7. Types of Icing
8. Buns-Hot cross buns, fruit buns.

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SEMESTER VI

COMPUTER FUNDAMENTALS AND PC PACKAGE

UNIT-I

Basic of Computer Device

What is computer?, Components of computer system:-input devices ,output devices and CPU .Generation of computer, Types of computer, Characteristics and limitation of computer..

Computer memory

Primary Memory:-RAM and ROM, Secondary Storage:-Hard Disk Drive, CD,DVD,BRD,Optical Disk,Magnetic Tape, Magnetic disks.

Input /Output Devices

Keyboard ,mouse ,monitor ,trackball ,joystick, scanner(MICR,OCR,OMR,Bar code reader),printer and types of printer,plotter,light pen,touch screen.

UNIT-II

Basic of Computer Software

Introduction to software ,types of software:-System software and application software, Operating System, utilities software,word processing software,spreadsheet software,presentation software,database software.Virus and types of virus, malicious software.

UNIT-III

Introduction to MS Word

Documents and document Types,Menus,shortcuts, Working with Documents:Opening-new and existing file,Save file.

Working with text documents-Inserting, Deleting,cut,copy,paste,undo redo,

UNIT-IV

Introduction to MS Excel

Working with Spreadsheet and its Application, Working with spreadsheet-openings, saving file

Introduction to MS Powerpoint

Application of Power point presentation, Creating new presentation, different presentation templates, setting backgrounds, Formatting a presentation-Adding style, Color, gradient fills, Adding header and footer,slide background,slide layout,Inserting pictures, movies, tables etc.Setting animation and transaction effect.

UNIT-V

Introduction to Web Component

Introduction of internet, Network, Types of Network, HTTP, Www, URL, HTML, Web Browser, FTP

Proxy Server ,e-mail.

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SKILLD BASED COURSE

B.COM/B.Sc/B.A/B.Sc. Home Sc./BCA VI SEM

Paper I

MM- 60

E-COMMERCE AND TALLY

OBJECTIVE

This course is meant to acquaint the students with the principles of Business Economics as are applicable in business.

UNIT-I

Meaning and concept of Internet and E-Commerce: A brief history of the internet, Meaning and concepts, No Middleman, Networking, Accessibility, Timesaving, Player Synergy, High Transitional costs, Meaning of E-commerce, Cost of E-Commerce, Media Convergence. E-commerce and related services, techniques of E-Commerce System, Types of E-Commerce, Applications of E-Commerce, Advantages and Disadvantages of E-Commerce.

UNIT-II

Channel of E-Commerce and Electronic Trading System : E-commerce and e-business, E-Market Basics, Different Types of E-marketplaces, Advantages of E-marketplaces, Benefits as a seller, Benefits as a buyer, E-Business Issues, E-marketplace Development, The Difference Between E-business, E-commerce, and E-marketplaces, Channels of E-commerce, The Web as an Advertising Channel, The Web as an Ordering Channel, Web as a customer Support Channel, Need for E-Commerce, Improved Productivity, Cost saving, Streamlined, Business Process, Better Consumer Service, Opportunities for new Business, E-commerce as an electronic trading system, The Role of a Specialist, The Role of a Market Maker, Electronic communication Network

ECNs).

UNIT-III

E-Payment, E-Payment Risk and Component: Customer communication, Special features required in Payment system, Banking and security markets, E-Payment systems, Checks and bank Transfers, EDI, Credit card Payment System, E-Cash and ATMs, Banks and the Internet, Development of Payment systems, digitized "e-cash" system, Credit card based systems, Business Issues and Economic Implications, A Classification of Credit Cards Based Payment. Benefits of using e-payment, Improvement in sales, increased Profits, Reduced Expenses, The Customer Perspective, Risks in E-Commerce, Risk management options, An Industry value chain.

Security Risk, Threats, Tool and Policy: Security risk of e-commerce, Public and Private keys, One-way functions, Types of Threats Associated with Information Technology,

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Sources of security threats Security Tool and risk Management approach ,E-Commerce and security policy for e-commerce, Corporate Digital Library.

UNIT-IV

Introduction of Accounting Software- TALLY: Introduction, Creation of Company, Group and Ledger Creation, Display of Voucher, Creating Voucher, voucher Entry, Financial Statement, Display of Balance Sheet and P&L A/c, Other Report.

UNIT-V

Inventory Control : Introduction of Inventory, Creating Unit of measure, Stock Group, Godown, Category, and Stock Item, Creating Inventory Vouchers, Sale Order and Purchase Order, Preparing Debit and Credit Notes, Methods of Depreciation, Depreciation of Assets, Advance entries and Report.

PRACTICAL EXAMINATION & VIVA - VOCE

MM - 25

(Based on Syllabus Mentioned Above)

References;

Henry Chan, Raymond Lee, Tharam Dillon : E-Commerce Fundamental & Applications.

Wiley Publishers.

Subrata Bhaumick

: A Guide Book on E-Commerce.

Notion Press.

Gaurav Agarwal

: Learn Tally Prime With GST Book.

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A collection of handwritten signatures and initials at the bottom of the page, including a large signature on the left, a signature with an arrow pointing to it, and several other initials and signatures on the right, one of which is underlined and reads "Brandy".

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SKILLD BASED COURSE

B.COM/B.Sc/B.A/B.Sc. Home Sc./BCA VI SEM

Paper I

MM- 60

Professional proficiency in computer

OBJECTIVE

This course is meant to acquaint the students with the principles of Business Economics as are applicable in business.

COURSE INPUT

UNIT-I

Introduction of Computer: What is Computer and Computer System, Characteristics and Capabilities and Limitations; Classification of Computer: Analog, Digital, Hybrid, General and Special purpose computer, Micro, Mini , workstations, and Embedded Computer ,Generation of Computer, Number System, Basic Concept of Operating System.

UNIT-II

Computer Software And Hardware: Introduction of Software and Hardware, type of Software and Hardware, System software Vs. Application software, Types of System and Application Software, Difference between Program and Package, Input, output and Storage Devices.

UNIT-III

Personal Computer And Operating System : Introduction of PC and Its Components and uses, Fundamentals of MS-DOS , Physical Structure of the Disk, Compatibility of drives, Disk and DOS Versions, Internal DOS Commands- DATE, TIME,DIR,MD,CD,COPY,DEL,REN,VOL,CLS,PATH,TYPE, External DOS Commands- CHKDSK, XCOPY, PRINT, DISKCOPY, DISKCOMP,DOSKEY, HELP, TREE, SYS, LABEL, ATTRIB.

UNIT-IV

Ms Word :
Introduction of Ms-Word, Entering Text in Word, Creating & editing word documents, Formatting documents, aligning documents, indenting paragraphs, changing margin, formatting pages, Working with Tables, inserting and deleting cells, rows & columns, use bullets and numbering, Checking spelling & Grammar, Working with long documents, working with header & footer, adding page no. & footnote, working with graphics, inserting ClipArt, Working with templates, working with Mail-Merge, writing the form letter.

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Presenting with power point : Creating Presentation, working with slides, Different type of slides, setting page layout, selecting background & applying design, adding Graphics to slide, adding sound & movie, Working with Tables, creating chart & Graph, adding special effect, slide Transition, advancing slides, animating slide, presenting slide show.

UNIT-V

Ms-Excel : Introduction of Ms-Excel, use of Excel Sheet, Saving ,opening, & printing workbook, Formatting Cell & text, Divide worksheet into pages, working with Formulas, setting page layout, adding Header & Footer, excel functions, using multiple documents, protecting your work, password protection, Chart & Graphs, Maps, Templates, using worksheet as database, using Graphics, sorting a database, Filtering a database, using auto filter.

MM - 25

PRACTICAL EXAMINATION & VIVA - VOCE

(Typing Skill in both Hindi and English in Computer

Ms-Office)

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