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**MODIFIED CBCS CURRICULUM OF  
PHILOSOPHY GENERAL PROGRAMME**

**SUBJECT CODE = 00**

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FOR UNDER GRADUATE COURSES UNDER RANCHI UNIVERSITY



Implemented from  
Academic Session 2019-2022



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*Submitted for publication of Ranchi University website*

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COURSE STRUCTURE FOR UNDERGRADUATE '**GENERAL**' PROGRAMME**Table A -1: Distribution of 120 Credits** [\*wherever there is a practical there will be no tutorial and vice –versa.]

| Course   | Papers                                   | Credits            |                   |
|--|--|--------------------|-------------------|
|  |  | Theory + Practical | Theory + Tutorial |
| <b>I. Core Course</b>  | <b>(DSC A to D)</b>                      |                    |                   |
| <b>04 Courses from each of the 03 discipline of choice</b>                     |  |                    |                   |
| Theory   | 4x3=12 Papers                            | 12X4=48            | 12X5=60           |
| Practical/Tutorial*  | 4x3=12 Papers                            | 12X2=24            | 12X1=12           |
| <b>II. Elective Course (EC)</b>  |  |                    |                   |
| <b>A. Discipline Specific Elective</b>   | <b>(DSE A &amp; B)</b>                   |                    |                   |
| <b>02 Courses from each of the 03 discipline of choice</b>                     |  |                    |                   |
| Theory   | 2X3=6 Papers                             | 6X4=24             | 6X5=30            |
| Practical/ Tutorial*   | 2X3=6 Papers                             | 6X2=12             | 6X1=6             |
| <b>III. Ability Enhancement Compulsory Courses (AECC)</b>                      |  |                    |                   |
| 1. English/ Hindi Communication/ NH+MB/<br>Business Communication for Commerce | 1 Paper                                  | 1X2=2              | 1X2=2             |
| 2. Environmental Science   | 1 Paper                                  | 1x2=2              | 1x2=2             |
| 3. Skill Enhancement Course<br>of the Core Course opted                        | <b>(SEC 1, 2, 3 &amp; 4)</b><br>4 Papers | 4X2=8              | 4X2=8             |
| <b>Total Credit = 120</b>  |  | <b>= 120</b>       |                   |

**Table A -2: Course structure for B.Sc./ B.A./ B.Com. (Undergraduate Programme)**

| Semester | Course<br>(Core Courses)<br>12 Papers        | Allied<br>(Elective Courses)<br>6 Papers     | Ability Enhancement<br>(Compulsory Courses)<br>6 Papers | Total Credits     |
|----------|--|--|---|-------------------|
| Sem-I    | DSC-1A, DSC-2A, DSC-3A<br>(6+6+6=18 Credits) | ---  | Eng / Hindi Comm/ NH + MB<br>(02 Credits)               | <b>20 Credits</b> |
| Sem-II   | DSC-1B, DSC-2B, DSC-3B<br>(6+6+6=18 Credits) | ---  | EVS<br>(02 Credits)                                     | <b>20 Credits</b> |
| Sem-III  | DSC-1C, DSC-2C, DSC-3C<br>(6+6+6=18 Credits) | ---  | SEC-1<br>(02 Credits)                                   | <b>20 Credits</b> |
| Sem-IV   | DSC-1D, DSC-2D, DSC-3D<br>(6+6+6=18 Credits) | ---  | SEC-2<br>(02 Credits)                                   | <b>20 Credits</b> |
| Sem-V    | ---  | DSE-1A, DSE-2A, DSE-3A<br>(6+6+6=18 Credits) | SEC-3<br>(02 Credits)                                   | <b>20 Credits</b> |
| Sem-VI   | ---  | DSE-1B, DSE-2B, DSE-3B<br>(6+6+6=18 Credits) | SEC-4<br>(02 Credits)                                   | <b>20 Credits</b> |

**Total = 120 Credits**

## COURSES OF STUDY FOR UNDERGRADUATE 'B. A. General' PROGRAMME

**Table A -3: Basic Course structure for ARTS (Undergraduate Programme) Total: 120 Credits**

| Sem        | Course<br>(Core Courses) |   | Allied<br>(Elective Courses) |  | Ability Enhancement<br>(Compulsory Courses)              |   |
|------------|--------------------------|---|------------------------------|--|--|---|
|            | Code                     | 4 x 3 = 12 Papers   | Code                         | 2 x 3 = 6 Papers                                   | Code   | 1 + 1 + 4 = 6 Papers  |
| <b>I</b>   | DSC1A<br>DSC2A<br>DSC3A  | Core Subject 1; Paper A<br>Core Subject 2; Paper A<br>Core Subject 3; Paper A |                              |  | Compulsory Language Communication<br>ENG/ Hindi/ NH + MB |   |
| <b>II</b>  | DSC1B<br>DSC2B<br>DSC3B  | Core Subject 1; Paper B<br>Core Subject 2; Paper B<br>Core Subject 3; Paper B |                              |  | EVS  | Environmental Science   |
| <b>III</b> | DSC1C<br>DSC2C<br>DSC3C  | Core Subject 1; Paper C<br>Core Subject 2; Paper C<br>Core Subject 3; Paper C |                              |  | SEC1   | SEC1: Elementary Computer<br>Application Softwares + <b>Lab</b> |
| <b>IV</b>  | DSC1D<br>DSC2D<br>DSC3D  | Core Subject 1; Paper D<br>Core Subject 2; Paper D<br>Core Subject 3; Paper D |                              |  | SEC2   | SEC2 of Either Core Subject<br>1,2 or 3                         |
| <b>V</b>   |                          |   | DSE1A<br>DSE2A<br>DSE3A      | Core Subject 1<br>Core Subject 2<br>Core Subject 3 | SEC3   | SEC3 of same subject opted<br>in Sem III;                       |
| <b>V</b>   |                          |   | DSE1A<br>DSE2A<br>DSE3A      | Core Subject 1<br>Core Subject 2<br>Core Subject 3 | SEC3   | SEC4 of same subject opted<br>in Sem III;                       |

**Table A -4: Course structure for PHILOSOPHY (Undergraduate Programme) Total:120 Credits**

| Semester   | Course<br>(Core Courses) |                          | Allied<br>(Elective Courses) |                         | Ability Enhancement<br>(Compulsory Courses) |   |
|------------|--------------------------|--------------------------|------------------------------|-------------------------|---|---|
|            | Code                     | 4 Papers                 | Code                         | 2 Papers                | Code  | 4 Papers  |
| <b>I</b>   | DSC-A                    | Indian Philosophy- I +T  |                              |                         | Compulsory Language<br>Communication        |   |
| <b>II</b>  | DSC-B                    | Indian Philosophy- II +T |                              |                         | EVS   | Environmental Science                                       |
| <b>III</b> | DSC-C                    | Indian Ethics +T         |                              |                         | SEC1  | Elementary Computer<br>Application Software<br>+ <b>Lab</b> |
| <b>IV</b>  | DSC-D                    | Western Ethics +T        |                              |                         | SEC2  | Deductive Logic +T  |
| <b>V</b>   |                          |                          | DSE-A                        | Social Philosophy +T    | SEC3  | Inductive Logic +T  |
| <b>VI</b>  |                          |                          | DSE-B                        | Political Philosophy +T | SEC4  | Computer Advance<br>Learning +T                             |

**Table A-5: Subject Combinations allowed for B. A. General Programme:**

| S.No. | Note: Any Three Subjects may be opted but only One from S.No.1 |    |                |
|-------|--|----|----------------|
| 1     | Anthropology/ Geography/ Psychology/ Home Science              | 13 | Bengali        |
| 2     | Geography  | 14 | Urdu           |
| 3     | History  | 15 | Sanskrit       |
| 4     | Political Science  | 16 | Ho             |
| 5     | Psychology   | 17 | Kharia         |
| 6     | Sociology  | 18 | Khortha        |
| 7     | Economics  | 19 | Kurmali        |
| 8     | Anthropology   | 20 | Kurux          |
| 9     | Philosophy   | 21 | Mundari        |
| 10    | Mathematics  | 22 | Nagpuri        |
| 11    | Hindi  | 23 | Panch Pargania |
| 12    | English  | 24 | Santhali       |

**Table A-6: Semester wise Structure for Mid Sem & End Sem Examinations:**

| Sem | Core Honours, Allied DSE, Compulsory AECC Courses |                               | Examination Structure      |                            |                                     |
|-----|---|-------------------------------|----------------------------|----------------------------|-------------------------------------|
|     | Code  | Papers                        | Mid Semester Theory (F.M.) | End Semester Theory (F.M.) | End Semester Practical/ Viva (F.M.) |
| I   | DSC-A   | Indian Philosophy (Part I)+T  | ---                        | 100                        | ---                                 |
|     | AECC  | Language Communication        | ---                        | 100                        | ---                                 |
| II  | DSC-B   | Indian Philosophy (Part II)+T | ---                        | 100                        | ---                                 |
|     | AECC  | EVS                           | ---                        | 100                        | ---                                 |
| III | DSC-C   | Indian Ethics +T              | ---                        | 100                        | ---                                 |
| IV  | DSC-D   | Western Ethics +T             | ---                        | 100                        | ---                                 |
| V   | DSE-A   | Social Philosophy +T          | ---                        | 100                        | ---                                 |
| VI  | DSE-B   | Political Philosophy +T       | ---                        | 100                        | ---                                 |

**Table A-7: Semester wise Structure for End Sem Examination of Skill Enhancement Course:**

| Sem | Skill Enhancement Course SEC |   | Examination Structure      |                            |                                     |
|-----|------------------------------|---|----------------------------|----------------------------|-------------------------------------|
|     | Code                         | Papers  | Mid Semester Theory (F.M.) | End Semester Theory (F.M.) | End Semester Practical/ Viva (F.M.) |
| III | SEC 1                        | Elementary Computer Application Software +Lab | ---                        | 100                        | ---                                 |
| IV  | SEC 2                        | Deductive Logic +T                            | ---                        | 100                        | ---                                 |
| V   | SEC 3                        | Inductive Logic +T                            | ---                        | 100                        | ---                                 |
| VI  | SEC 4                        | Computer Advance Learning +T                  | ---                        | 100                        | ---                                 |

**SEMESTER I****4 Papers****Total 100 x 4 = 400 Marks****I. ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)**

(Credits: Theory-02)

Any One Compulsory Language Communication Prescribed by Ranchi University:

English Communication/ Hindi Communication / NH + MB Communication

**(Refer AECC Curriculum of Ranchi University)****I. CORE COURSE –DSC A:**

(Credits: Theory-05, Tutorial-01)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40***Instruction to Question Setter for**End Semester Examination (ESE):*

There will be **two** group of questions. **Group A is compulsory** and will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of 20 marks each, out of which any four are to answer.

*Note: There may be subdivisions in each question asked in Theory Examinations.***INDIAN PHILOSOPHY (PART I)****Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Basic features of Indian Philosophy.
2. Basic concepts of the Vedas and Upanishads : Atman, Brahman, Rta, Rna, Yajna,
3. Carvaka : Epistemology, Metaphysics and Ethics.
4. Jainism: Dravya, Jiva & Ajiva, Syadvada, Anekantavada, Bondage and Liberation.
5. Buddhism: Four Noble Truths, Doctrine of Momentariness, Theory of No Soul, Schools of Buddhism : Vaibhasika, Sautrantika, Yogacara, Madhyamika.

**Suggested Readings :**

- M. Hiriyanna - An outline of Indian Philosophy.
- C.D. Sharma - A Critical Survey of Indian Philosophy.
- S.N. Dasgupta - A History of Indian Philosophy, Vol. I, II.
- S. Radhakrishnan - Indian Philosophy, Vol I, II.
- J.N. Sinha - Indian Philosophy.
- हरेन्द्र प्रसाद सिन्हा – भारतीय दर्शन की रूपरेखा
- बी० एन० सिंह – भारतीय दर्शन
- चटर्जी एवं दत्ता – भारतीय दर्शन
- बलदेव उपाध्याय – भारतीय दर्शन



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**SEMESTER II**


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**4 Papers****Total 100 x 4 = 400 Marks****I. ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)**

(Credits: Theory-02)

**Marks : 100 (ESE: 3Hrs) =100****Pass Marks Th ESE = 40***Instruction to Question Setter for**End Semester Examination (ESE):**There will be **objective type test** consisting of hundred questions of 1 mark each. Examinees are required to mark their answer on **OMR Sheet** provided by the University.***ENVIRONMENT STUDIES****Theory: 30 Lectures****Unit 1 : Introduction to environmental studies**

Multidisciplinary nature of environmental studies;  
 Scope and importance; Concept of sustainability and sustainable development.

**(2 lectures)****Unit 2 : Ecosystems**

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems :

Forest ecosystem

Grassland ecosystem

Desert ecosystem

Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

**(2 lectures)****Unit 3 : Natural Resources : Renewable and Non--renewable Resources**

Land resources and landuse change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water : Use and over--exploitation of surface and ground water, floods, droughts, conflicts over water (international &amp; inter--state).

Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

**(5 lectures)****Unit 4 : Biodiversity and Conservation**

Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots

India as a mega--biodiversity nation; Endangered and endemic species of India

Threats to biodiversity : Habitat loss, poaching of wildlife, man--wildlife conflicts, biological invasions; Conservation of biodiversity : In--situ and Ex--situ conservation of biodiversity.

Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

**(5 lectures)**

#### **Unit 5 : Environmental Pollution**

Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution

Nuclear hazards and human health risks

Solid waste management : Control measures of urban and industrial waste.

Pollution case studies.

**(5 lectures)**

#### **Unit 6 : Environmental Policies & Practices**

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

**(4 lectures)**

#### **Unit 7 : Human Communities and the Environment**

Human population growth: Impacts on environment, human health and welfare.

Resettlement and rehabilitation of project affected persons; case studies.

Disaster management : floods, earthquake, cyclones and landslides.

Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.

Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

**(3 lectures)**

#### **Unit 8 : Field work**

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Visit to a local polluted site--Urban/Rural/Industrial/Agricultural.

Study of common plants, insects, birds and basic principles of identification.

Study of simple ecosystems--pond, river, Delhi Ridge, etc.

**(Equal to 4 lectures)**

**Suggested Readings:**

- Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
  - Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
  - Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
  - Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
  - Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
  - Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science*, 339: 36---37.
  - McCully, P. 1996. *Rivers no more: the environmental effects of dams*(pp. 29---64). Zed Books.
  - McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
  - Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
  - Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. *Environmental and Pollution Science*. Academic Press.
  - Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
  - Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
  - Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India*. Tripathi 1992.
  - Sengupta, R. 2003. *Ecology and economics: An approach to sustainable development*. OUP.
  - Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
  - Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology: Voices from the Tropics*. John Wiley & Sons.
  - Thapar, V. 1998. *Land of the Tiger: A Natural History of the Indian Subcontinent*.
  - Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
  - Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
  - World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University
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**II. CORE COURSE -DSC B:**

(Credits: Theory-05, Tutorial-01)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**INDIAN PHILOSOPHY (PART II)****Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Nyaya - Pramana, Pratyaksha, Anumana, Upaman & Shabda, God.
2. Vaisheshika - Padartha, Draya, Guna, Karma, Samanya, Vishesh, Samavaya and Abhava.
3. Samkhya - Satkaryavada, Prakriti & Purusha, Vikasvada, Bondage & Liberation.
4. Yoga - Ashtanga - Yoga & God.
5. Mimamsa - Theory of Karma.
6. Shamkaracharya - Nirguna Brahman, Jagat, Atman, God & Maya.
7. Ramanujacharya - Refutation of Mayavada, Sagun Brahman, Jiva, Liberation.

**Suggested Readings :**

- M. Hiriyanna - An outline of Indian Philosophy.
- C.D. Dasgupta - A Critical Survey of Indian Philosophy.
- S.N. Dasgupta - A History of Indian Philosophy, Vol. I, II.
- S. Radhakrishnan - Indian Philosophy, Vol I, II.
- प्रो० हरेन्द्र प्रसाद सिन्हा – भारतीय दर्शन की रूपरेखा
- प्रो० बी० एन० सिंह – भारतीय दर्शन
- चटर्जी एवं दत्ता – भारतीय दर्शन
- बलदेव उपाध्याय – भारतीय दर्शन

**SEMESTER III****4 Papers****Total 100 x 4 = 400 Marks****I. SKILL ENHANCEMENT COURSE SEC 1: (Credits: Theory-02)**

All Four Papers (One paper to be studied in each semester) of any One Subject to be opted from either of the Core Subjects opted for General Courses of Study. Refer Content from the Syllabus of opted Skill Enhancement Course Subject.

**II. CORE COURSE -DSC C: (Credits: Theory-05, Tutorial-01)****Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for  
End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**INDIAN ETHICS****Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Upanishads - Law of Karma and Salvation.
2. Purusharthas - Dharma, Artha, Kama, Moksha.
3. Ethics of Bhagwadgita - Nishkama Karma, Swadharma, Sthit Pragya, Yagya & Loksangraha.
4. Jaina Ethics - Mahavrata, Anuvrata, Triratna.
5. Buddhist Ethics - Eight Fold Path.
6. Dharma - Its Meaning & Classification, Sadharan Dharma, Varnashrama Dharma.

**Suggested Readings :**

- Mackenzie, J.S. - A manual of Ethics (Also Hindi Translation by A.k. Sinha)
- Verma, A.K. - Prarambhika Acharashastra.
- Sinha, J.N. - Nitishastra.
- Pathak Diwakar - Bhartiya Neetishastra.
- Singh, B.N. - Neetishastra.
- Atreya, B.L. - Bhartiya Neetishastra.
- S. Radhakrishnan -Bhagwadgita.
- Maitra, S.K. - Ethics of Hindus

**SEMESTER IV****4 Papers****Total 100 x 4 = 400 Marks****I. SKILL ENHANCEMENT COURSE SEC 2: (Credits: Theory-02)**

All Four Papers (One paper to be studied in each semester) of any One Subject to be opted from either of the Core Subjects opted for General Courses of Study. Refer Content from the Syllabus of opted Skill Enhancement Course Subject.

**II. CORE COURSE -DSC D: (Credits: Theory-05, Tutorial-01)****Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**WESTERN ETHICS****Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Nature and Scope of Ethics.
2. Psychological Basis of Ethics - Voluntary and Non - Voluntary Action.
3. Nature and Object of Moral Judgment, Postulates of Morality.
4. Teleological ethics - Hedonism, Utilitarianism - Mill & Bentham
5. Deontological Ethics - Kant.
6. Virtue Ethics - Plato and Aristotle.
7. Theories or Punishment.

**Suggested Readings :**

- W. Lillie - An Introduction to Ethics.
- J.Hospers - Human Conduct.
- W.Frankena - Ethics.
- Kant - Ground Work of the Metaphysics of Morals.
- J.S. Mill - Utilitarianism.
- डॉ० वेद प्रकाश वर्मा – नीतिशास्त्र के मूल सिद्धान्त
- डॉ० बी०एन० सिंह – नीतिशास्त्र
- डॉ० ए० के० वर्मा – नीतिशास्त्र की रूपरेखा
- डॉ० शांतिजोशी – नीतिशास्त्र

**SEMESTER V****4 Papers****Total 100 x 4 = 400 Marks****I. SKILL ENHANCEMENT COURSE SEC 3:**

(Credits: Theory-02)

All Four Papers (One paper to be studied in each semester) of any One Subject to be opted from either of the Core Subjects opted for General Courses of Study. Refer Content from the Syllabus of opted Skill Enhancement Course Subject.

**II. PHILOSOPHY SPECIFIC (DSE A):**

(Credits: Theory-05, Tutorial-01)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**SOCIAL PHILOSOPHY****Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Social Philosophy - Nature & Scope, Its Relation to Sociology, Social Psychology & Politics.
2. Individual & Society - Sociological Analysis, Relation between Individual & Society.
3. Social Change - Meaning & Conditions of Social Change, Tradition & Modernity.
4. Social Institutions – Family- Function & Kinds, Marriage - Kinds of Marriage & Divorce.
5. Property - Private & Public Property, Arguments in favour & against of Private Property.

**Suggested Readings :**

- Dr. Vatsyayan - Social Philosophy
- डॉ० रमेन्द्र – समाज, राजनीति और धर्मदर्शन
- डॉ० अशोक कुमार वर्मा – प्रारंभिक समाज एवं राजनीति दर्शन
- डॉ० राजेन्द्र प्रसाद – समाज दर्शन

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**SEMESTER VI**
**4 Papers**


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**Total 100 x 4 = 400 Marks**
**I. SKILL ENHANCEMENT COURSE SEC 4:**

(Credits: Theory-02)

All Four Papers (One paper to be studied in each semester) of any One Subject to be opted from either of the Core Subjects opted for General Courses of Study. Refer Content from the Syllabus of opted Skill Enhancement Course Subject.

**II. PHILOSOPHY SPECIFIC (DSE B):**

(Credits: Theory-05, Tutorial-01)

**Marks : 100 (ESE 3Hrs) =100**
**Pass Marks Th ESE = 40**
***Instruction to Question Setter for***
***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**POLITICAL PHILOSOPHY**
**Theory: 75 Lectures, Tutorial: 15 Lectures**

1. Political Philosophy - Nature & Scope, Its Relation to Political Science & Social Philosophy.
2. Political Ideals - Equality, Justice & Liberty.
3. Methods of Political Action - Constitutionalism, Evolutionism, Terrorism & Satyagraha.
4. Political Ideologies - Democracy - Merits & Demerits of Democracy, Marxism, Sarvodaya.

**Suggested Readings :**

- जयप्रकाश नारायण – समाजवाद, सर्वोदय और लोकतंत्र
  - डॉ० रमेन्द्र – समाज और राजनीति दर्शन
  - डॉ० श्यामवृक्ष मौर्य – समाज और राजनीति दर्शन
  - प्रताप सिंह – गाँधीजी का दर्शन।
-



COURSES OF STUDY FOR SKILL ENHANCEMENT COURSE 'B. A. General'  
PROGRAMME IN "PHILOSOPHY"

**SEMESTER III****SKILL ENHANCEMENT COURSE****1 Paper****Total 100 x 1 = 100 Marks****I. SKILL ENHANCEMENT COURSE SEC 1:**

(Credits: Theory-02)

**Marks : 100 (ESE: 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be **objective type test** consisting of hundred questions of 1 mark each. Students are required to mark their answer on **OMR Sheet** provided by the University.*

**ELEMENTARY COMPUTER APPLICATION SOFTWARES:**

A Common Syllabus Prescribed by Ranchi University

**Theory: 30 Lectures****Objective of the Course**

*The objective of the course is to generate qualified manpower in the area of Information Technology (IT) and Graphic designing which will enable such person to work seamlessly at any Offices, whether Govt. or Private or for future entrepreneurs in the field of IT.*

**A. INTRODUCTION TO COMPUTER SYSTEM****Basic Computer Concept**

Computer Appreciation - Characteristics of Computers, Input, Output, Storage units, CPU, Computer System. **(1 Lecture)**

**Input and Output Devices**

Input Devices - Keyboard, Mouse, joystick, Scanner, web cam,

Output Devices- Soft copy devices, monitors, projectors, speakers, Hard copy devices, Printers – Dot matrix, inkjet, laser, Plotters. **(4 lectures)**

**Computer Memory and Processors**

Memory hierarchy, Processor registers, Cache memory, Primary memory- RAM, ROM, Secondary storage devices, Magnetic tapes, Floppy disks, hard disks, Optical Drives- CD-ROM, DVD-ROM, CD-R, CD-RW, USB Flash drive, Mass storage devices: USB thumb drive. Managing disk Partitions, File System. Basic Processor Architecture, Processor speed, Types of processor.

**(5 lectures)****Numbers Systems and Logic Gates**

Decimal number system, Binary number system, Octal number system, Hexadecimal number system, Inter-conversion between the number systems. Basic Logic gates-AND, OR, NOT, Universal logic gates- NAND, NOR

**(3 lectures)****Computer Software**

Computer Software- Relationship between Hardware and Software, System Software, Application Software, Compiler, Names of some high level languages, Free domain software.

**(2 Lectures)**

Session 2019-22 onwards

**Internet & its uses**

History of Internet, WWW and Web Browsers: Web Browsing software, Surfing the Internet, Chatting on Internet, Basic of electronic mail, Using Emails, Document handling, Network definition, Common terminologies: LAN, WAN, MAN, Node, Host, Workstation, Bandwidth, Network Components: Servers, Clients, Communication Media. Wireless network

**(3 Lectures)**

**Operating system-Windows**

Operating system and basics of Windows, The User Interface, Using Mouse and Moving Icons on the screen, The My Computer Icon, The Recycle Bin, Status Bar, Start and Menu & Menu-selection, Running an Application, Windows Explorer Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows, Windows Setting, Control Panels, Wall paper and Screen Savers, Setting the date and Sound, Concept of menu Using Help, Advanced Windows, Using right Button of the Mouse, Creating Short cuts, Basics of Window Setup, Notepad, Window Accessories

**(2 Lectures)**

**B. MICROSOFT OFFICE 2007 AND LATEST VERSIONS****Word Processing**

Word processing concepts: saving, closing, Opening an existing document, Selecting text, Editing text, Finding and replacing text, printing documents, Creating and Printing Merged Documents, Character and Paragraph Formatting, Page Design and Layout. Editing and Checking. Correcting spellings. Handling Graphics, Creating Tables and Charts, Document Templates and Wizards, Mail merge and Macros.

**(3 Lectures)**

**Microsoft Excel (Spreadsheet)**

Spreadsheet Concepts, Creating, Saving and Editing a Workbook, Inserting, Deleting Work Sheets, entering data in a cell / formula Copying and Moving from selected cells, handling operators in Formulae, Functions: Mathematical, Logical, statistical, text, financial, Date and Time functions, Using Function Wizard. Formatting a Worksheet: Formatting Cells changing data alignment, changing date, number, character or currency format, changing font, adding borders and colors, Printing worksheets, Charts and Graphs – Creating, Previewing, Modifying Charts. Integrating word processor, spread sheets, web pages. Pivot table, goal seek, Data filter and scenario manager

**(4 Lectures)**

**Microsoft Power Point (Presentation Package)**

Creating, Opening and Saving Presentations, Creating the Look of Your Presentation, Working in Different Views, Working with Slides, Adding and Formatting Text, Formatting Paragraphs, Drawing and Working with Objects, Adding Clip Art and other pictures, Designing Slide Shows, Running and Controlling a Slide Show, Printing Presentations. Creating photo album, Rehearse timing and record narration. Master slides.

**(3 Lectures)**

**Reference Books**

- Nishit Mathur, Fundamentals of Computer , Aph publishing corporation(2010)
- Misty E. Vermaat, Microsoft word 2013 1<sup>st</sup> Edition (2013).
- Satish Jain, M.Geeta, MS- Office 2010 Training Guide, BPB publication (2010)
- Joan Preppernau, Microsoft PowerPoint 2016 step by step, Microsoft press(2015)
- Douglas E Corner, The Internet Book 4<sup>th</sup> Edition, prentice –Hall(2009)
- Faithe wempen, word 2016 in depth 1<sup>st</sup> edition, que publishing(2015)
- Steven welkler, Office 2016 for beginners, Create Space Independent publishing Plateform (2016)

## SKILL ENHANCEMENT LAB- SEC 1 LAB

### A. MS-WORD LAB ASSIGNMENT

1. Write down the following Paragraph OR any one provided by your teacher;

Without a doubt, the Internet is one of the most important inventions of modern times. The Internet is a global interconnected computer networks which allow each connected computer to share and exchange information with each other. The origins of the Internet can be traced to the creation of Advanced Research Projects Agency Network (ARPANET) as a network of computers under the auspices of the U.S. Department of Defense in 1969.

Apply following effects on The paragraph:

- i. Paragraph **font-size** and **font-type** must be 12 Verdana.
- ii. Paragraph **alignment** must be justified and double line spacing.
- iii. **Highlight** the “(ARPANET)” with green color.
- iv. Make the “Internet” keywords **Bold and Italic**.
- v. Insert any “**WordArt**” and a **symbol** to your document.
- vi. Insert a **clipart** to your document.
- vii. Add following lines to your document:  
Internet, Intranet, Extranet, URL, WWW, Networking, Protocols, HTTP, TCP/IP

2. Create a Table of following fields:

Name, Surname, Age, Gender, Job and apply the following effects

- i. Insert 10 records
- ii. Font size should be 12
- iii. Title size should be 14
- iv. Font type should be Times new Roman
- v. Title color should be blue
- vi. Text color should be black
- vii. Table border should be 2

3. Write a letter on ‘Road Safety’ and send to ‘Multiple Recipients’ using mail merge.

4. Type the paragraph given below:

Today, the Internet is a public, cooperative and self-sustaining facility accessible to hundreds of millions of people worldwide. Physically, the Internet uses a portion of the total resources of the currently existing public telecommunication networks. Technically, what distinguishes the Internet is its use of a set of protocols called TCP/IP (for Transmission Control Protocol/Internet Protocol). Two recent adaptations of Internet technology, the intranet and the extranet, also make use of the TCP/IP protocol. Today, the Internet is a public, cooperative and self-sustaining facility accessible to hundreds of millions of people worldwide. Physically, the Internet uses a portion of the total resources of the currently existing public telecommunication networks. Technically, what distinguishes the Internet is its use of a set of protocols called TCP/IP (for Transmission Control Protocol/ Internet Protocol). Two recent adaptations of Internet technology, the intranet and the extranet, also make use of the TCP/IP protocol.

Apply the following:

- i. Change Internet into Internets at a time
- ii. Heilight TCP/IP in red color
- iii. Replace protocol into protocols
- iv. Find the word “Public”

## **B. MICROSOFT EXCEL LAB ASSIGNMENT**

### **Basic Formatting and Spreadsheet Manipulation**

1. Add rows and columns to an existing spreadsheet
2. Reformat data (center, comma and currency styles, bold, text color)
3. Work with a simple formula (product) and function (sum)

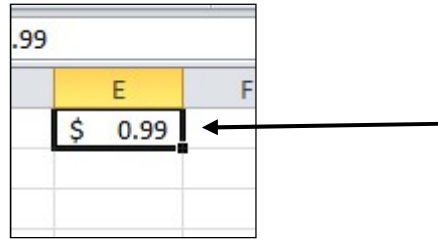
### **Assignment**

1. Create a workbook as shown below.
2. To enter new rows or columns, simply click on the row or column header to select the whole row or column. Then right click with the mouse and choose insert.
3. Add the new row for S Spade with the data that’s shown below (between the original rows 7 and 8).
4. Add a column for gender and the data as shown below (between the original columns A and B). Enter the appropriate gender for yourself in the last row.

| A        | B           | C           | D               |
|----------|-------------|-------------|-----------------|
| Name     | Male/Female | Genre       | Number of Songs |
| J Smith  | F           | Blues       | 50              |
| B Doe    | M           | Country     | 110             |
| S Spade  | F           | Country     | 200             |
| F Zappa  | M           | Blues       | 1400            |
| F Zappa  | M           | Alternative | 2300            |
| J Smith  | F           | Alternative | 150             |
| S Spade  | F           | Blues       | 1000            |
| B Doe    | M           | Blues       | 75              |
| yourname | M           | Blues       | 800             |

5. Center the data in columns B and C. Do this by selecting the whole column and click the center icon on the ribbon.
6. Bold the data in row 1, the column headings (ensure that the data all remains visible within the column boundaries).
7. Change the font color for row 1 to Blue.
8. Change the format of the data in column D to comma style (no decimal places showing). There is an icon on the home tab that sets it to comma style easily.
9. Add two new column labels to the right of the current columns; **Unit Price** and **Total Cost**. (They will be in columns E and F.) These two columns of data should be currency type so that the dollar sign is shown. There is an icon to quickly format the selected column as currency type.
10. All tunes are \$.99, so enter that value for all rows in Column E. You can copy quickly by using the **Auto Fill** handle and drag that amount down. When you over your mouse over the tiny square in

the bottom right hand corner of the active cell, your mouse shape will become a skinny plus sign, and you can click and drag that cell to make a copy.



11. Calculate Total Cost (column F) as *column D times Column E*. You will type in a formula like this into cell F2: **=D2\*E2** (Be sure to begin the formula with an equal sign)
12. Use the AutoFill (skinny plus sign) again to copy the formula down column F; down to F10. Double check the picture below to make sure yours has the correct values
13. Add a border to all of the cells (A1-f10) using the Borders tool in the Fonts group on the Home Tab.
14. Change the page layout to landscape. Do this by clicking the Page Layout tab on the ribbon and then to Orientation to Landscape.
15. Save the file.
16. Click in cell F11 and Use the sum function or the shortcut icon that looks like  $\Sigma$  to get the total of the Total Cost column.
17. Ensure that the data is all visible within the column boundaries. Make the columns wider if needed.
18. Save the workbook. Your final spreadsheet should look like the following when printed.

| Name     | Male/Female | Genre       | Number of Songs | Unit Price | Total Cost  |
|----------|-------------|-------------|-----------------|------------|-------------|
| J Smith  | F           | Blues       | 50              | \$ 0.99    | \$ 49.50    |
| B Doe    | M           | Country     | 110             | \$ 0.99    | \$ 108.90   |
| S Spade  | F           | Country     | 200             | \$ 0.99    | \$ 198.00   |
| F Zappa  | M           | Blues       | 1,400           | \$ 0.99    | \$ 1,386.00 |
| F Zappa  | M           | Alternative | 2,300           | \$ 0.99    | \$ 2,277.00 |
| S Spade  | F           | Blues       | 1,000           | \$ 0.99    | \$ 990.00   |
| J Smith  | F           | Alternative | 150             | \$ 0.99    | \$ 148.50   |
| B Doe    | M           | Blues       | 75              | \$ 0.99    | \$ 74.25    |
| yourname | M           | Blues       | 800             | \$ 0.99    | \$ 792.00   |

\$ 6,024.15

**Create a sample table given below in Excel**

- Using formula find Total
- Find the maximum value using MAX function from the **Units** column
- Find minimum value from **Total** column

| Order Date | Region  | Rep      | Item    | Units | Unit Cost | Total    |
|------------|---------|----------|---------|-------|-----------|----------|
| 1/6/2016   | East    | Jones    | Pencil  | 95    | 1.99      | 189.05   |
| 1/23/2016  | Central | Kivell   | Binder  | 50    | 19.99     | 999.50   |
| 2/9/2016   | Central | Jardine  | Pencil  | 36    | 4.99      | 179.64   |
| 2/26/2016  | Central | Gill     | Pen     | 27    | 19.99     | 539.73   |
| 3/15/2016  | West    | Sorvino  | Pencil  | 56    | 2.99      | 167.44   |
| 4/1/2016   | East    | Jones    | Binder  | 60    | 4.99      | 299.40   |
| 4/18/2016  | Central | Andrews  | Pencil  | 75    | 1.99      | 149.25   |
| 5/5/2016   | Central | Jardine  | Pencil  | 90    | 4.99      | 449.10   |
| 5/22/2016  | West    | Thompson | Pencil  | 32    | 1.99      | 63.68    |
| 6/8/2016   | East    | Jones    | Binder  | 60    | 8.99      | 539.40   |
| 6/25/2016  | Central | Morgan   | Pencil  | 90    | 4.99      | 449.10   |
| 7/12/2016  | East    | Howard   | Binder  | 29    | 1.99      | 57.71    |
| 7/29/2016  | East    | Parent   | Binder  | 81    | 19.99     | 1,619.19 |
| 8/15/2016  | East    | Jones    | Pencil  | 35    | 4.99      | 174.65   |
| 9/1/2016   | Central | Smith    | Desk    | 2     | 125.00    | 250.00   |
| 9/18/2016  | East    | Jones    | Pen Set | 16    | 15.99     | 255.84   |
| 10/5/2016  | Central | Morgan   | Binder  | 28    | 8.99      | 251.72   |
| 10/22/2016 | East    | Jones    | Pen     | 64    | 8.99      | 575.36   |
| 11/8/2016  | East    | Parent   | Pen     | 15    | 19.99     | 299.85   |
| 11/25/2016 | Central | Kivell   | Pen Set | 96    | 4.99      | 479.04   |
| 12/12/2016 | Central | Smith    | Pencil  | 67    | 1.29      | 86.43    |
| 12/29/2016 | East    | Parent   | Pen Set | 74    | 15.99     | 1,183.26 |

### **C. MS-POWERPOINT LAB ASSIGNMENT**

#### **Activity 1 : Using Text & Background/Themes**

- i. Create one new slide and insert any text.
- ii. To make your slide more attractive, use the themes or background.
- iii. Make sure it apply for every slide not only one slide.

#### **Activity 2 : Apply Custom Animation On Text**

- i. Use the custom animation to add effects on your text. Set the text move after you click the mouse.
- ii. If you have more than one text, add effects for each of text.

#### **Activity 3 : Insert Image & WordArt**

- i. Insert one new blank slide.
- ii. Choose one pictures or clip art from any source and insert in your new slide.
- iii. Using the WordArt, make a note or title on your picture.
- iv. Use the custom animation again to add effects on your picture and WordArt.

#### **Activity 4 : Insert Text Box**

- i. Insert one new blank slide.
- ii. Use the text box to insert one paragraph of text and adjust your text.

#### **Activity 5 : Insert Smart Art**

- i. Insert one new blank slide.
- ii. Insert the Smart Art and put your text on the Smart Art.

**Activity 6 : Insert Audio**

- i. Back to your first slide and insert one audio on that slide. The audio must play automatically when you show your slide.
- ii. Make sure the speaker also not appear when you show your slide. (the icon).
- iii. The audio must play when you show alls your slide, not only one slide.

**Activity 7 : inserting Video**

- i. Insert one new slide and insert one short video

**Activity 8 : Save File**

- i. Save your file

**Activity 9 : Create Photo Album & Hyperlink**

- i. Insert one new slide and put a text ex: “My Photo Album”
- ii. Create one photo album and adjust your text and your photos
- iii. Save your photo album with a new file
- iv. Make a hyperlink to your photo using the text “My Photo Album”

**Reference Books:**

- Faithe wempen, word 2016 in depth 1<sup>st</sup> edition, que publishing(2015)
  - steven welkler, Office 2016 for bignners, Create Space Independent publishing plateform(2016)
  - Elaine Marmel, office 2016 simplified, 1<sup>st</sup> Edition, John wiley and sons Inc(2016)
  - Patrice-Anne Rutledge, Easy office 2016 1st edition, Que publishing(2016)
-

**SEMESTER IV****SKILL ENHANCEMENT COURSE****1 Paper****Total 100 x 1 = 100 Marks****II. SKILL ENHANCEMENT COURSE SEC 2:**

(Credits: Theory-02)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. **Group A is compulsory** and will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of 20 marks each, out of which any four are to answer.*

***Note:** There may be subdivisions in each question asked in Theory Examinations.*

**DEDUCTIVE LOGIC****Theory: 30 Lectures**

1. Nature and Scope of Logic.
2. Laws of Thought.
3. Term- Definition and Classification of Terms, Distribution of Terms.
4. Proposition and its Kinds.
5. Opposition of Proposition.
6. Immediate Inference - Conversion, Obversion, Contraposition and Inversion.
7. Mediate Inference - Syllogism : Categorical Syllogism - Figures and Valid Moods.

**Suggested Readings :**

- Copi. I.M.- Introduction to Logic.
- Mitchell - Introduction to Logic.
- Roy, B.N. - Textbook of Deductive Logic.
- बी०एन० रॉय – निगमन तर्कशास्त्र
- वर्मा, अशोक कुमार – निगमन तर्कशास्त्र
- जगदीश नारायण – निगमन तर्कशास्त्र



**SEMESTER V****SKILL ENHANCEMENT COURSE****1 Paper****Total 100 x 1 = 100 Marks****III. SKILL ENHANCEMENT COURSE SEC 3:**

(Credits: Theory-02)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. **Group A is compulsory** and will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of 20 marks each, out of which any four are to answer.*

**Note:** *There may be subdivisions in each question asked in Theory Examinations.*

**INDUCTIVE LOGIC****Theory: 30 Lectures**

1. Scientific Induction & Induction per Simple Enumeration.
2. Formal & Material Grounds of Induction - Law of Uniformity of Nature and Law of Causation, Observation & Experiment.
3. Mill's Experimental Methods.
4. Hypothesis - Definitions, Kinds and Conditions of Valid Hypothesis.
5. Analogy - Kinds of Analogy, Strength of Analogy.

**Suggested Readings :**

- Roy B.N. - Textbook of Deductive Logic.
- वर्मा, अशोक कुमार – निगमन तर्कशास्त्र
- मल्लिक जगदीश नारायण – आगमन तर्कशास्त्र
- तिवारी केदार नाथ – आगमन तर्कशास्त्र
- झा गंगादत्त-आगमन तर्कशास्त्र
- नारायण जगदीश – निगमन तर्कशास्त्र

**SEMESTER VI****SKILL ENHANCEMENT COURSE****1 Paper****Total 100 x 1 = 100 Marks****IV. SKILL ENHANCEMENT COURSE SEC 4:**

(Credits: Theory-02)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**COMPUTER ADVANCE LEARNING****Theory: 30 Lectures****Adobe Page Maker**

Overview of traditional publishing, Overview of desktop publishing, Overview of page Maker, Starting PageMaker Reviewing a completed publication, Starting a new publication, including: page setup, target printer, Saving a publication, Using the story editor to create and place text, Text appearance changes, Working with text blocks, Enhancing the publication, Printing a Publication, Assembling one-page publications by importing, Assembling multiple-page publications by importing and placing text from the word processor, Text flow options Importing graphics, Placing graphics within a document, Working with graphics on the pasteboard, Cropping a graphic, Resizing a graphic

**(15 Lectures)****Adobe Photoshop**

Introduction to Photoshop, Image formats, Operations on image. Manipulation of Image The Marquee tool, the Lasso tool, Magic Wand tool, Inverting Selection, Layers, Brush tool, Eraser tool, Fill tool, Blur tool, Smudge tool, Sharpen tool, Dodge tool, Sponge tool, Darken tool. Transformation & Retouching Free transform, scaling, rotation, skew, perspective, wrap, distort, crop, image size, canvas size, clone stamp tool, healing brush tool, patch tool, red eye tool, history brush tool. Color Correction Colour swatch, image modes, colour adjudgements, colour selection. The Text tool, editing text, formatting, line & spacing, wrap text, text effects. Effects Blending modes, styles, filters, liquefy, vanishing point. The pen tool, drawing shapes, managing paths, converting path to selection.

**(15 Lectures)****Suggested Readings:**

- R. Pillai, Computer Awareness
- Gavin Hoole & Cheryl Smith –Step by step Computer Books
- S. Kumar, Computer Jagrukta
- Nishit Mathur, Fundamentals of Computer, Aph publishing corporation(2010)
- Kevin G Proot, Adobe PageMaker 7.0 Inver 1<sup>st</sup> edition, cenage learning (2009)
- Andrew Faulkner, Conrad Chavez, Adobe Photoshop CC 1<sup>st</sup> edition, Adobe Press (2015)
- Jennifer Smith, Adobe photoshop, wiley-publisher(2012)

SAMPLE CALCULATION FOR SGPA & CGPA FOR UNDERGRADUATE 'B.Sc./B.A./B.Com  
General' PROGRAMME

**Distribution of Credits Semester wise for Undergraduate Courses**

**Table B-1: UG (B.A./ B.Sc./B.Com. Programme)**

**Semester wise distribution of 120 Credits**

|              | <b>CC</b> | <b>AECC</b> | <b>GE</b> | <b>SEC</b> | <b>DSE</b> | <b>Total Credits</b> |
|--------------|-----------|-------------|-----------|------------|------------|----------------------|
| Semester I   | 18        | 02          |           |            |            | 20                   |
| Semester II  | 18        | 02          |           |            |            | 20                   |
| Semester III | 18        |             |           | 02         |            | 20                   |
| Semester IV  | 18        |             |           | 02         |            | 20                   |
| Semester V   |           |             |           | 02         | 18         | 20                   |
| Semester VI  |           |             |           | 02         | 18         | 20                   |
|              | <b>72</b> | <b>04</b>   |           | <b>08</b>  | <b>36</b>  | <b>120</b>           |

CC=Core Course; AECC=Ability Enhancement Compulsory Course; GE=Generic Elective; SEC=Skill Enhancement Course; DSE=Discipline Specific Elective

**Table B-1: Sample calculation for SGPA for B.A./B.Sc./B.Com. Program**

| Course              | Credit     | Grade Letter | Grade Point | Credit Point<br>(Credit X Grade) | SGPA<br>(Credit Point/Credit) |
|---------------------|------------|--------------|-------------|----------------------------------|-------------------------------|
| <b>Semester I</b>   |            |              |             |                                  |                               |
| DSC - 1A            | 06         | B            | 6           | 36                               |                               |
| DSC - 2A            | 06         | B+           | 7           | 42                               |                               |
| DSC - 3A            | 06         | C            | 5           | 30                               |                               |
| AECC – 1            | 02         | B            | 6           | 12                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>120</b>                       | <b>6.0 (120/20)</b>           |
| <b>Semester II</b>  |            |              |             |                                  |                               |
| DSC - 1B            | 06         | B            | 6           | 36                               |                               |
| DSC - 2B            | 06         | B            | 6           | 36                               |                               |
| DSC - 3B            | 06         | C            | 5           | 30                               |                               |
| AECC – 2            | 02         | A+           | 9           | 18                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>120</b>                       | <b>6.0 (120/20)</b>           |
| <b>Semester III</b> |            |              |             |                                  |                               |
| DSC - 1C            | 06         | A            | 8           | 48                               |                               |
| DSC - 2C            | 06         | A+           | 9           | 54                               |                               |
| DSC - 3C            | 06         | A            | 8           | 48                               |                               |
| SEC – 1             | 02         | A            | 8           | 16                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>166</b>                       | <b>8.3 (166/20)</b>           |
| <b>Semester IV</b>  |            |              |             |                                  |                               |
| DSC - 1D            | 06         | C            | 5           | 30                               |                               |
| DSC - 2D            | 06         | B            | 6           | 36                               |                               |
| DSC - 3D            | 06         | B+           | 7           | 42                               |                               |
| SEC – 2             | 02         | A+           | 9           | 18                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>126</b>                       | <b>6.3 (126/20)</b>           |
| <b>Semester V</b>   |            |              |             |                                  |                               |
| DSE - 1A            | 06         | B            | 6           | 36                               |                               |
| DSE - 2A            | 06         | A+           | 9           | 54                               |                               |
| DSE - 3A            | 06         | A            | 8           | 48                               |                               |
| SEC – 3             | 02         | B            | 6           | 12                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>150</b>                       | <b>7.5 (150/20)</b>           |
| <b>Semester VI</b>  |            |              |             |                                  |                               |
| DSE - 1B            | 06         | B+           | 7           | 42                               |                               |
| DSE - 1B            | 06         | B            | 6           | 36                               |                               |
| DSE - 1B            | 06         | C            | 5           | 30                               |                               |
| SEC - 4             | 02         | C            | 5           | 10                               |                               |
| <b>Total</b>        | <b>20</b>  |              |             | <b>118</b>                       | <b>5.9 (118/20)</b>           |
| <b>CGPA</b>         |            |              |             |                                  |                               |
| <b>Grand Total</b>  | <b>120</b> |              |             | <b>800</b>                       | <b>6.67 (800/120)</b>         |

**Table B- 2: Sample calculation for CGPA for B.A./B.Sc./B.Com. Program**

| Semester I              | Semester II             | Semester III            | Semester IV             | Semester V              | Semester VI             |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Credit:20;<br>SGPA: 6.0 | Credit:20;<br>SGPA: 6.0 | Credit:20;<br>SGPA: 8.3 | Credit:20;<br>SGPA: 6.3 | Credit:20;<br>SGPA: 7.5 | Credit:20;<br>SGPA: 5.9 |

**Thus CGPA= (20x6.0+20x6.0+20x8.3+20x6.3+20x7.5+20x5.9)/120=6.67**

## MARKS DISTRIBUTION FOR EXAMINATIONS AND FORMAT OF QUESTION PAPERS

**Marks Distribution of End Semester Theory Examinations:****Table No. C1:** Marks distribution of Theory Examinations of End Semester

| Topic      | Code     | Full Marks | Pass Marks | Time  | Group-A <sup>#</sup><br>(Very short answer type<br>Compulsory Questions)<br>No. of Questions x Marks<br>= F.M. | Group-B<br>(Descriptive<br>Questions with<br>Choices )<br>No. of Questions x<br>Marks = F.M. | Total No. of<br>Questions to Set |            |
|------------|----------|------------|------------|-------|--|--|----------------------------------|------------|
|            |          |            |            |       |  |  | Group<br>A <sup>#</sup>          | Group<br>B |
| End<br>Sem | T75      | 75         | 30         | 3 Hrs | Q.No.1 (10x1) + 1x5 =15  | 4 (out of 6) x15 =60   | 2                                | 6          |
|            | T100     | 100        | 40         | 3 Hrs | Q.No.1 (10x1) + 2x5 =20  | 4 (out of 6) x20 =80   | 3                                | 6          |
|            | T50 +T50 | 50X2=100   | 20         | 3 Hrs | 2 x5 =10   | 2 (out of 3) x20 =40   | 2                                | 3          |

# Question No.1 in Group-A carries 10 very short answer type 1 Mark Questions.

**Marks Distribution of Mid/End Semester Practical Examinations:****Table No. C2:** Marks distribution of Practical Examinations of End Semester

| Topic      | Code | Full Marks | Pass Marks | Time  | Distribution of Marks |        |      | Total No. of Questions to Set           |
|------------|------|------------|------------|-------|-----------------------|--------|------|---|
|            |      |            |            |       | Experiment            | Record | Viva |   |
| End<br>Sem | P25  | 25         | 10         | 3 Hrs | 15                    | 5      | 5    |   |
|            | P50  | 50         | 20         | 3 Hrs | 30                    | 10     | 10   | Pr. with components of both papers      |
|            | P75  | 75         | 30         | 3 Hrs | 45                    | 15     | 15   | Pr. with components of all three papers |
|            | P100 | 100        | 40         | 3 Hrs | 60                    | 20     | 20   | Pr. with components of all four papers  |

**Abbreviations :** T= Theory Examination, P= Practical Examination.

**Mid Sem\*** : There will be 15 Marks Theory Examination in Practical Subjects and 25 Marks Theory Examination in Non-Practical Subjects/ Papers. 25 Marks Theory Examination may include 10 Marks questions from Assignment/ Project/ Tutorial where ever applicable.

**Note** : There may be subdivisions in each question asked in Theory Examinations.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

AECC NH + MB COMMUNICATION



## Ranchi University, Ranchi

End Sem No.Exam Year

Subject/ Code

**F.M.** =50**P.M.**=20**Time**=1.5Hrs.

### General Instructions:

- i. **Group A** carries short answer type **compulsory** questions.  
(खंड 'A' में लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- ii. **Answer 2 out of 3** descriptive questions given in **Group B**.  
(खंड 'B' के तीन में से किन्हीं दो प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

### Group A

1. .... [5]
2. .... [5]

### Group B

3. .... [20]
4. .... [20]
5. .... [20]

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

SUBJECTS WITHOUT PRACTICAL



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =75**P.M.**=40 (Including Mid Sem)**Time**=3Hrs.

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** descriptive questions given in **Group B**.  
(खंड 'B' के छः में से किन्हीं चार वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

1. [10x1=10]
- i. ....
  - ii. ....
  - iii. ....
  - iv. ....
  - v. ....
  - vi. ....
  - vii. ....
  - viii. ....
  - ix. ....
  - x. ....

2. .... [5]

**Group B**

3. .... [15]
4. .... [15]
5. .... [15]
6. .... [15]
7. .... [15]
8. .... [15]

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

GE, SEC, GENERAL &amp; AECC HINDI/ ENGLISH COMMUNICATION



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =100**P.M.** =40**Time**=3Hrs.**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** descriptive questions given in **Group B**.  
(खंड 'B' के छः में से किन्हीं चार वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |    |            |           |
|----|------------|-----------|
| 1. |            | [10x1=10] |
|    | i. ....    |           |
|    | ii. ....   |           |
|    | iii. ....  |           |
|    | iv. ....   |           |
|    | v. ....    |           |
|    | vi. ....   |           |
|    | vii. ....  |           |
|    | viii. .... |           |
|    | ix. ....   |           |
|    | x. ....    |           |
| 2. | .....      | [5]       |
| 3. | .....      | [5]       |

**Group B**

- |    |       |      |
|----|-------|------|
| 4. | ..... | [20] |
| 5. | ..... | [20] |
| 6. | ..... | [20] |
| 7. | ..... | [20] |
| 8. | ..... | [20] |
| 9. | ..... | [20] |

**Note:** There may be subdivisions in each question asked in Theory Examination.