



**MODIFIED CBCS CURRICULUM OF
PHILOSOPHY GENERAL PROGRAMME**

SUBJECT CODE = 00

FOR UNDER GRADUATE COURSES UNDER RANCHI UNIVERSITY



Implemented from
Academic Session 2017-2020

Members of Board of Studies of CBCS Under- Graduate Syllabus as per Guidelines of the Ranchi University, Ranchi.

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Submitted for publication of Ranchi University website

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Contents

S.No.		Page No.
	Members of Core Committee	i
	Contents	ii -iii
	COURSE STUCTURE FOR UNDERGRADUATE ‘GENERAL’ PROGRAMME	
1	Distribution of 120 Credits	1
2	Course structure with Credits for B.Sc./ B.A./ B.Com.(General Programme)	1
3	Basic Course structure for B.A. (General Programme)	2
4	Course structure for PHILOSOPHY (General Programme)	2
5	Subject Combinations allowed for B.Sc./ B.A./ B.Com. General Programme	3
6	Semester wise Structure for Mid Sem & End Sem Examinations	3
7	Skill Enhancement Subject Papers for B. A. General Programme	3
	SEMESTER I	
8	I. Ability Enhancement Compulsory Course (AECC)	4
9	II. Core Course –DSC A	4
	SEMESTER II	
10	I. Environmental Studies (EVS)	5
11	II. Core Course –DSC B	8
	SEMESTER III	
12	I. Skill Enhancement Course (SEC 1)	9
13	II. Core Course –DSC C	9
	SEMESTER IV	
14	I. Skill Enhancement Course (SEC 2)	10
15	II. Core Course –DSC D	10
	SEMESTER V	
16	I. Skill Enhancement Course (SEC 3)	11
17	II. Discipline Specific Elective (DSE A)	11
	SEMESTER VI	
18	I. Skill Enhancement Course (SEC 4)	12
19	II. Discipline Specific Elective (DSE B)	12
	SKILL ENHANCEMENT COURSE	
20	Semester III - Skill Enhancement Course (SEC I)	13

21	SEC 1 LAB	15
22	Semester IV - Skill Enhancement Course (SEC 2)	20
23	Semester V - Skill Enhancement Course (SEC 3)	21
24	Semester VI - Skill Enhancement Course (SEC 4)	22

ANNEXURE

25	Distribution of Credits Semester wise for Hons/ General Programme	23
26	Sample calculation for SGPA for B.Sc./B.A./B.Com Honors Programme	24
27	Sample calculation for CGPA for B.Sc./B.A./B.Com Honors Programme	24
28	Sample calculation for SGPA for B.Sc./B.A./B.Com Programme	25
29	Sample calculation for CGPA for B.Sc./B.A./B.Com Programme	25

MARKS DISTRIBUTION FOR EXAMINATIONS AND FORMAT OF QUESTION PAPERS

30	Marks Distribution of Mid Semester Theory Examinations	26
31	Marks Distribution of End Semester Theory Examinations	26
32	Marks Distribution of Mid/End Semester Practical Examinations	26
33	Format of Question Paper for Mid Sem Examination of Subjects with Practical	27
34	Format of Question Paper for Mid Sem Examination of Subjects without Practical	28
35	Format of Question Paper for End Sem Examination of AECC NH + MB Communication	29
36	Format of Question Paper for End Sem Examination of Subjects with Practical	30
37	Format of Question Paper for End Sem Examination of Subjects without Practical	31
38	Format of Question Paper for End Sem Examination of GE, SEC, General & AECC Hindi/ English Communication	32

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

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

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

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

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

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

SEMESTER II

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 & 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
-

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. Shankaracharya - 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 - Mahavratas, Anuvratas, 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 of 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 – प्रारम्भिक समाज एवं राजनीति दर्शन
 - ☐ डॉ० राजेन्द्र प्रसाद – समाज दर्शन
-

SEMESTER VI**4 Papers****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)

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 1st 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 4th Edition, prentice –Hall(2009)
 - Faithe wempen, word 2016 in depth 1st 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. Highlight 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)

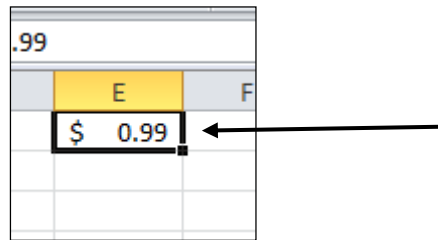
Assignment

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 Σ 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 1st edition, que publishing(2015)
 - ☐ steven welkler, Office 2016 for bignners, Create Space Independent publishing plateform(2016)
 - ☐ Elaine Marmel, office 2016 simplified, 1st 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 1st edition, cenage learning (2009)
- ☐ Andrew Faulkner, Conrad Chavez, Adobe Photoshop CC 1st edition, Adobe Press (2015)
- ☐ Jennifer Smith, Adobe photoshop, wiley-publisher(2012)

SAMPLE CALCULATION FOR SGPA & CGPA FOR UNDERGRADUATE ‘B.Sc./B.A./B.Com Honours’ PROGRAMME

Distribution of Credits Semester wise for Undergraduate Honours Courses

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

Semester wise distribution of 140 Credits

	C.C	AECC	GE	SEC	DSE	Total credits
Semester I	12	02	06			20
Semester II	12	02	06			20
Semester III	18		06	02		26
Semester IV	18		06	02		26
Semester V	12				12	24
Semester VI	12				12	24
	84	04	24	04	24	140

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

Table B-2: UG (B.A./ B.Sc./B.Com. Programme)

Semester wise distribution of 120 Credits

	C.C	AECC	GE	SEC	DSE	Total credits
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
	72	04		08	36	120

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

Table B-3: Sample calculation for SGPA for B.Sc./B.A./B.Com Honours Programme

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)	SGPA (Credit Point/Credit)
Semester I					
C-1	06	A	8	48	
C-2	06	B+	7	42	
AECC-1	02	B	6	12	
GE-1	06	B	6	36	
Total	20			138	6.9 (138/20)
Semester II					
C-3	06	B	6	36	
C-4	06	C	5	30	
AECC-2	02	B+	7	14	
GE-2	06	A+	9	54	
Total	20			134	6.7 (134/20)
Semester III					
C-5	06	A+	9	54	
C-6	06	O	10	60	
C-7	06	A	8	48	
SEC-1	02	A	8	16	
GE-3	06	O	10	60	
Total	26			238	9.15 (238/26)
Semester IV					
C-8	06	B	6	36	
C-9	06	A+	9	54	
C-10	06	B	6	36	
SEC-2	02	A+	9	18	
GE-4	06	A	8	48	
Total	26			192	7.38 (192/26)
Semester V					
C-11	06	B	6	36	
C-12	06	B+	7	42	
DSE-1	06	O	10	60	
DSE-2	06	A	8	48	
Total	24			186	7.75 (186/24)
Semester VI					
C-13	06	A+	9	54	
C-14	06	A	8	48	
DSE-3	06	B+	7	42	
DSE-4	06	A	8	48	
Total	24			192	8.0 (192/24)
CGPA					
Grand Total	140			1080	7.71 (1080/140)

Table B-4: Sample calculation for CGPA for B.Sc./B.A./B.Com Honours Programme

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:20; SGPA:6.9	Credit:20; SGPA: 6.7	Credit:26; SGPA: 9.15	Credit:26; SGPA: 7.38	Credit:24; SGPA: 7.75	Credit:24; SGPA: 8.0

Thus CGPA= (20x6.9+20x6.7+26x9.15+26x7.38+24x7.75+24x8.0)/140=7.71

Table B-5: Sample calculation for SGPA for B.A./B.Sc./B.Com. Program

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

Table B- 6: 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; SGPA: 6.0	Credit:20; SGPA: 6.0	Credit:20; SGPA: 8.3	Credit:20; SGPA: 6.3	Credit:20; SGPA: 7.5	Credit:20; 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 Mid Semester Theory Examinations:**Table No. C1:** Marks distribution of Theory Examinations of Mid Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A	Group B
Mid Sem*	T15	15	6	1 Hr	5 x 1 = 5	2 (out of 3) x 5 = 10	5	3
	T25	25	10	1 Hr	5 x 1 = 5	4 (out of 6) x 5 = 20	5	6

Marks Distribution of End Semester Theory Examinations:**Table No. C2:** Marks distribution of Theory Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A# (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A#	Group B
End Sem	T60	60	24	3 Hrs	Q.No.1 (10x1) + 1x5 = 15	3 (out of 5) x 15 = 45	2	5
	T75	75	30	3 Hrs	Q.No.1 (10x1) + 1x5 = 15	4 (out of 6) x 15 = 60	2	6
	T100	100	40	3 Hrs	Q.No.1 (10x1) + 2x5 = 20	4 (out of 6) x 20 = 80	3	6
	T50 + T50	50X2=100	20	3 Hrs	2 x 5 = 10	2 (out of 3) x 20 = 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. C3:** 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 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 MID SEM EXAMINATION
OF
SUBJECTS WITH PRACTICAL



Ranchi University, Ranchi

Mid Sem No.Exam Year**Subject/ Code****F.M. =15****Time=1Hr.****General Instructions:**

समान्य निर्देश :

- i. **Group A** carries very short answer type compulsory questions.
(खंड 'A' में अत्यंत 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.
2.
3.
4.
5.

[5x1=5]

Group B

6.
7.
8.

[5]

[5]

[5]

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

FORMAT OF QUESTION PAPER FOR MID SEM EXAMINATION
OF
SUBJECTS WITHOUT PRACTICAL



Ranchi University, Ranchi

Mid Sem No.Exam Year**Subject/ Code****F.M. =25****Time=1Hr.****General Instructions:**

समान्य निर्देश :

- i. **Group A** carries very short answer type compulsory questions.
(खंड 'A' में अत्यंत लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- 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.
2.
3.
4.
5.

[5x1=5]

Group B

6.
7.
8.
9.
10.
11.

[5]
[5]
[5]
[5]
[5]
[5]

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

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 WITH PRACTICAL



Ranchi University, Ranchi

End Sem No.Exam Year**Subject/ Code****F.M.** =60**P.M.**=30 (Including Mid Sem)**Time**=3Hrs.**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 3 out of 5** descriptive questions given in **Group B**.
(खंड 'B' के पाँच में से किन्हीं तीन 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. | ..... | [10x1=10] |
| ii. | ..... |  |
| iii. | ..... |  |
| iv. | ..... |  |
| v. | ..... |  |
| vi. | ..... |  |
| vii. | ..... |  |
| viii. | ..... |  |
| ix. | ..... |  |
| x. | ..... |  |
| 2. | ..... | [5] |

Group B

- | | | |
|----|-------|------|
| 3. | ..... | [15] |
| 4. | ..... | [15] |
| 5. | ..... | [15] |
| 6. | ..... | [15] |
| 7. | ..... | [15] |

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 & 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.