

# BACHELOR OF ARTS HONOURS

Duration: 36 Months (3 Years) Eligibility: 12th Pass

<b>COURSE STRUCTURE OF GEOGRAPHY (HONOURS) 1st SEMESTER</b>													
<b>Course Details</b>				<b>External Assessment</b>		<b>Internal Assessment</b>				<b>Credit Distribution</b>			<b>Allotted Credits</b>
Course Code	Course Type	Course Title	Total Marks	Major		Minor		Sessional		L	T	P	Subject wise Distribution
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
<b>Theory Group</b>													
3HBHL101H	<b>Ability Enhancement</b>	हिन्दी भाषा और संरचना	50	25	08	10	04	15	06	2	-	-	2
3CBCA201H	<b>Ability Enhancement</b>	Basic Information Computer Technology - I	25	13	04	05	02	07	03	1	-	-	1
3HBGE101H	<b>Core Course -1</b>	Introduction to Geography	100	50	17	20	08	30	12	3	1	-	4
3HBGE102H	<b>Core Course -2</b>	Contemporary issues in Geography	100	50	17	20	08	30	12	3	1	-	4
3HBHY101H/3HBE N101H/3HBHS 101H/3HBEC101H/3HBSO101H/3HBPS 101H	<b>Generic Elective-1</b>	History-I, /English Lit-I/ Hindi Lit-I./ Economics - I./ Sociology-I/Political Science-I	150	75	25	30	12	45	18	5	1	-	6
<b>Practical Group</b>				<b>Term End Practical Exam</b>		<b>Lab Performance</b>		<b>Sessional</b>					
3HBGE103H	<b>Practical</b>	Core Practical	100	50	17	-	-	50	17	-	-	4	4
3CBCA201H	<b>Practical</b>	Basic Information Computer Technology - I	25	10	04	-	-	15	06	-	-	1	1
<b>Grand Total</b>			<b>550</b>							<b>14</b>	<b>03</b>	<b>05</b>	<b>22</b>

**Minimum Passing Marks are equivalent to Grade C**

**Major- Term End Theory Exam**

**Minor- Pre University Test**

**Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%**

**L- Lectures T- Tutorials P- Practical**

# BACHELOR OF ARTS HONOURS

Duration: 36 Months (3 Years) Eligibility: 12th Pass

<b>COURSE STRUCTURE OF GEOGRAPHY (HONOURS) IInd SEMESTER</b>													
<b>Course Details</b>				<b>External Assessment</b>		<b>Internal Assessment</b>				<b>Credit Distribution</b>			<b>Allotted Credits</b>
Course Code	Course Type	Course Title	Total Marks	Major		Minor		Sessional		L	T	P	Subject wise Distribution
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
<b>Theory Group</b>													
3HBEL201H	<b>Ability Enhancement</b>	English Language and Indian Culture	50	25	08	10	04	15	06	2	-	-	2
3MBFE101H	<b>Ability Enhancement</b>	Fundamental of Entrepreneurship	50	25	08	10	04	15	06	2	-	-	2
3HBGE202H	<b>Core Course -3</b>	Geo-Tectonics and Geomorphology	100	50	17	20	08	30	12	3	1	-	4
3HBGE203H	<b>Core Course-4</b>	Climatology & Oceanography	100	50	17	20	08	30	12	3	1	-	4
3HBHY202/3HBEN202/3HBHS202/3HBEC202/HBSO202/3HBPS202H	<b>Generic Elective-2</b>	History-II, /English Lit-II/ Hindi Lit-II./ Economics-II ./ Sociology-II/Political Science-II	150	75	25	30	12	45	18	5	1	-	6
<b>Practical Group</b>													
3HBGE204H	<b>Practical</b>	Core Practical	100	50	17	-	-	50	17	-	-	4	4
<b>Skill Courses</b>													
***	<b>Skill Enhancement</b>	Skill Enhancement Elective Course-I	50	25	8	-	-	25	8	1	-	1	2
<b>Grand Total</b>			<b>600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>3</b>	<b>5</b>	<b>24</b>

Minimum Passing Marks are equivalent to Grade C

Major- Term End Theory / Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Skill Elective I – Any other course being offered in this semester as per the list given at the end of course structure.

L- Lectures T- Tutorials P- Practical

# BACHELOR OF ARTS HONOURS

Duration: 36 Months (3 Years) Eligibility: 12th Pass

<b>COURSE STRUCTURE OF GEOGRAPHY (HONOURS) IIIrd SEMESTER</b>													
<b>Course Details</b>				<b>External Assessment</b>		<b>Internal Assessment</b>				<b>Credit Distribution</b>			<b>Allotted Credits</b>
Course Code	Course Type	Course Title	Total Marks	Major		Minor		Sessional		L	T	P	Subject wise Distribution
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
<b>Theory Group</b>													
3HBHL302H	<b>Ability Enhancement</b>	हिन्दी भाषा संवेदना एवं संचार साधन	50	25	08	10	04	15	06	2	-	-	2
3CBCA502H	<b>Ability Enhancement</b>	Basic Information Computer Technology - II	25	13	04	05	02	07	03	1	-	-	1
3HBGE303H	<b>Core Course-5</b>	Geography Of Jharkhand	100	50	17	20	08	30	12	3	1	-	4
3HBGE304H	<b>Core Course-6</b>	Geography of India	100	50	17	20	08	30	12	3	1	-	4
3HBHY303/3HBE N303/3HBHS 303/3HBEC303/ HBS0303/3HBPS3 03	<b>Generic Elective-3</b>	History-III, /English Lit-III/ Hindi Lit-III./ Economics-III ./ Sociology-III/Political Science-III	150	75	25	30	12	45	18	5	1	-	6
<b>Practical Group</b>				<b>Term End Practical Exam</b>		<b>Lab Performance</b>		<b>Sessional</b>					
3HBGE305H	<b>Practical</b>	Core Practical	100	50	17	-	-	50	17	-	-	4	4
3CBCA502H	<b>Practical</b>	Basic Information Computer Technology - II	25	10	04	-	-	15	06	-	-	1	1
<b>Skill Courses</b>								<b>Sessional</b>					
***	<b>Skill Enhancement</b>	Skill Enhancement Elective Course-II	50	25	8	-	-	25	8	1	-	1	2
<b>Grand Total</b>			<b>600</b>							<b>15</b>	<b>3</b>	<b>6</b>	<b>24</b>

Minimum Passing Marks are equivalent to Grade C

Major- Term End Theory / Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Skill Elective II– Any other course being offered in this semester as per the list given at the end of course structure.

L- Lectures T- Tutorials P- Practical

# BACHELOR OF ARTS HONOURS

Duration: 36 Months (3 Years) Eligibility: 12th Pass

<b>COURSE STRUCTURE OF GEOGRAPHY (HONOURS) IVth SEMESTER</b>													
<b>Course Details</b>				<b>External Assesment</b>		<b>Internal Assesment</b>				<b>Credit Distribution</b>			<b>Allotted Credits</b>
<b>Course Code</b>	<b>Course Type</b>	<b>Course Title</b>	<b>Total Marks</b>	<b>Major</b>		<b>Minor</b>		<b>Sessional</b>		<b>L</b>	<b>T</b>	<b>P</b>	<b>Subject wise Distribution</b>
				<b>Max Marks</b>	<b>Min Marks</b>	<b>Max Marks</b>	<b>Min Marks</b>	<b>Max Marks</b>	<b>Min Marks</b>				
<b>Theory Group</b>													
3HBEL402H	<b>Ability Enhancement</b>	English Language and Scientific Temper	50	25	08	10	04	15	06	2	-	-	2
3HBHP401H	<b>Ability Enhancement</b>	Human Values & Ethics	50	25	08	10	04	15	06	2	-	-	2
3HBGE404H	<b>Core Course-7</b>	Geography of Three Northern Continents	100	50	17	20	08	30	12	3	1	-	4
3HBGE405H	<b>Core Course-8</b>	Geography of Three Southern Continents	100	50	17	20	08	30	12	3	1	-	4
3HBHY404/3 HBEN404/3H BHS 404/3HBEC40 4/ HBSO404/3H BPS404	<b>Generic Elective-4</b>	History-IV, /English Lit-IV/ Hindi Lit-IV./ Economics-IV ./ Sociology-IV/Political Science-IV	150	75	25	30	12	45	18	5	1	-	6
<b>Practical Group</b>				<b>Term End Practical Exam</b>		<b>Lab Performance</b>		<b>Sessional</b>					
3HBGE406H	<b>Practical</b>	Core Practical	100	50	17	-	-	50	17	-	-	4	4
<b>Grand Total</b>			<b>550</b>							<b>15</b>	<b>3</b>	<b>4</b>	<b>22</b>

Minimum Passing Marks are equivalent to Grade C

Major- Term End Theory Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

L- Lectures T- Tutorials P- Practical

# BACHELOR OF ARTS HONOURS

Duration: 36 Months (3 Years) Eligibility: 12th Pass

## COURSE STRUCTURE OF GEOGRAPHY (HONOURS) Vth SEMESTER

Course Details				External Assessment		Internal Assessment				Credit Distribution			Alotted Credits
Course Code	Course Type	Course Title	Total Marks	Major		Minor		Sessional ***		L	T	P	Subject wise Distribution
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
<b>Theory Group</b>													
3HBGE505H	<b>Core Course-9</b>	Human Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE506H	<b>Core Course-10</b>	Political Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE507H	<b>Core Course-11</b>	Economic Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE508H	<b>Discipline Specific Elective-1</b>	Bio Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE509H	<b>Discipline Specific Elective-2</b>	Travel and Tourism	100	50	17	30	12	20	8	3	1	-	4
<b>Practical Group</b>				<b>Term End Practical Exam</b>				<b>Sessional</b>					
3HBGE510H	<b>Practical</b>	Core Practical	150	75	25	-	-	75	25	-	-	6	6
3HBGE511H	<b>Practical</b>	DSE Practical	100	50	17	-	-	50	17	-	-	4	4
<b>Skill Courses</b>								<b>Sessional</b>					
***	<b>Skill Enhancement</b>	Skill Enhancement Elective Course-II	50	25	8	-	-	25	8	1	-	1	2
<b>Grand Total</b>			<b>800</b>							<b>16</b>	<b>5</b>	<b>11</b>	<b>32</b>

Minimum Passing Marks are equivalent to Grade C

L- Lectures T- Tutorials P- Practical

Major- Term End Theory / Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Skill Elective III – Any other course being offered in this semester as per the list given at the end of course structure.

# BACHELOR OF ARTS HONOURS

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## COURSE STRUCTURE OF GEOGRAPHY (HONOURS) VI th SEMESTER

Course Details				External Assessment		Internal Assessment				Credit Distribution			Alotted Credits
Course Code	Course Type	Course Title	Total Marks	Major		Minor		Sessional ***		L	T	P	Subject wise Distribution
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
<b>Theory Group</b>													
3HBGE606H	<b>Core Course-12</b>	Population Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE607H	<b>Core Course-13</b>	Agriculture Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE608H	<b>Core Course-14</b>	Settlement Geography	100	50	17	30	12	20	8	3	1	-	4
3HBGE609H	<b>Discipline Specific Elective -3</b>	Disaster Management	100	50	17	30	12	20	8	3	1	-	4
3HBGE610H	<b>Discipline Specific Elective/ Project/ Dissertation -4</b>	Applied Geography	100	50	17	30	12	20	8	3	1	-	4
<b>Practical Group</b>				<b>Term End Practical Exam</b>				<b>Sessional</b>					
3HBGE611H	<b>Practical</b>	Core Practical	100	50	17	-	-	50	17	-	-	4	4
3HBGE612H	<b>Practical</b>	DSE Practical	50	25	8	-	-	25	8	-	-	2	2
3HBGE613H	<b>Project/Dissertation</b>	Project & Viva Voce	100	50	17	-	-	50	17			4	4
<b>Grand Total</b>			<b>750</b>							<b>15</b>	<b>5</b>	<b>10</b>	<b>30</b>

Minimum Passing Marks are equivalent to Grade C

L- Lectures T- Tutorials P- Practical

Major- Term End Theory / Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Compulsory Project/Dissertation with choice in any Disciplinary specific elective. Compulsory one paper presentation certificate in related discipline.

**SKILL ENHANCEMENT ELECTIVE COURSES**

<b>Non-Technical</b>			
<b>Elective No.</b>	<b>Department/ Faculty Name</b>		
	<b>Faculty of Information Technology</b>		
I	SCIT 201	Data Entry Operation	2(1+0+1)
II	SCIT 301	Multimedia	2(1+0+1)
III	SCIT 501	Web Designing with HTML	2(1+0+1)
IV	SCMIT 201	Web Development	2(1+0+1)
V	SCMIT 301	LINUX	2(1+0+1)
	<b>Faculty of Management</b>		
I	SMGT 201	Briefing and Presentation Skills	2(1+0+1)
II	SMGT 301	Resolving Conflicts and Negotiation Skills	2(1+0+1)
III	SMGT 802	Entrepreneurship Development	2(1+0+1)
	<b>Faculty of Commerce</b>		
I	SCOM 201	Tally ERP 9	2(1+0+1)
II	SCOM 302	Multimedia	2(1+0+1)
III	SCOM 803	Data Analyst	2(1+0+1)
	<b>Faculty of Humanities</b>		
I	SHBA 301	Pursuing Happiness	2(1+0+1)
II	SHBA302	Communication Skill and Personality Development	2(1+0+1)
III	SHMA301	Tourism in M.P	2(1+0+1)
	<b>Faculty of Science</b>		
I	SSBI 301	Mushroom Cultivation	2(1+0+1)
II	SSPH 301	House Hold Wiring	2(1+0+1)
III	SSPH 301	Basic Instrumentation	2(1+0+1)
IV	SSPH 301	DTP Operator	2(1+0+1)
V	SSCH 301	Graphic Designing	2(1+0+1)
	<b>Faculty of Education</b>		
I	SCBE 403	Understanding of ICTC (Information Communication Technology)	2(1+0+1)
II	SCPE 201	Yoga Education	2(1+0+1)

## हिन्दी भाषा और संरचना

### पाठ्यक्रम के उद्देश्य:

1. विद्यार्थियों में राष्ट्र प्रेम की भावना का विकास करना।
2. हिन्दी के समृद्ध साहित्य को नयी पीढ़ी तक पहुँचाना।
3. पत्र-लेखन, सार लेखन, भाव पल्लवन एवं साक्षात्कार के कौशल का विकास करना।
4. डायरी, संस्मरण, लेखन, पारिभाषिक, शब्दावली, तत्सम, तद्भव, देशज, विदेशी शब्दों इत्यादि के ज्ञान का परिमार्जन करना।

### पाठ्यक्रम

#### इकाई-1

भारत वंदना) काव्य( जाग तुझको दूर जाना स्वतंत्रता पुकारती) काव्य( हम अनिकेतन) काव्य( भाषा की महत्ता और उसके विविध रूप भाषा-कौशल

सूर्यकांत त्रिपाठी निराला  
सुश्री महादेवी वर्मा  
जयशंकर प्रसाद  
बालकृष्ण शर्मा नवीन

#### इकाई-2

करुणा) निबंध ( समन्वय की प्रक्रिया) निबंध( बिच्छी बुआ) कहानी( अनुवाद हिन्दी की शब्द-संपदा पारिभाषिक शब्दावली

आचार्य रामचन्द्र शुक्ल  
रामधारी सिंह दिनकर  
डॉ. लक्ष्मण विष्ट बटरोही  
परिभाषा प्रकारण महत्व विशेषताएं

#### इकाई-3

विलायत पहुंच ही गया) आत्मकथांश ( अफसर (व्यंग्य) तीर्थयात्रा) कहानी( मकड़ी का जाला) व्यंग्य( वाक्य- संरचना :तत्समए तद्भव देशज विदेशी

महात्मा गांधी  
शरद जोशी  
डॉ. मिथिलेश कुमार मिश्र  
डॉ. रामप्रकाश सक्सेना

#### इकाई-4

अप्प दीपो भव) वक्तृत्व कला( भारत का सामाजिक व्यक्तित्व) प्रस्तावना ( पत्र मैसूर के महाराजा को) पत्र-लेखन ( बनी रहेंगी किताबें) आलेख( पत्र-लेखन: महत्व और उसके विविध रूप सड़क पर दौड़ते ईहा मृग) निबंध (

स्वामी श्रद्धानंद  
जवाहरलाल नेहरू  
स्वामी विवेकानंद  
डॉ. सुनीता रानी घोष  
डॉ. श्यामसुन्दर दुबे

#### इकाई-5

योग की शक्ति) डायरी (

डॉ. हरिवंश राय बच्चन

कोश के अखाड़े में कोई पहलवान नहीं उतरता)साक्षात्कार (- भाषाविद् डॉ. हरिदेव  
बाहरी से प्रो. त्रिभुवननाथ शुक्ल  
नीग्रो सैनिक से भेंट) यात्रा-संस्मरण( डॉ. देवेन्द्र सत्यार्थी  
यदि बा न होती तो शायद गांधी को यह ऊँचाई न मिलती) साक्षात्कार (कथाकार  
गिरिराज किशोर से सत्येन्द्र शर्मा  
सार- लेखनए भाव-पल्लवन साक्षात्कार और कौशल

**अपेक्षित परिणाम:**

1. विद्यार्थी भारत भूमि से प्रेम व स्नेह के भावों को बढ़ा सकेंगे।
2. विद्यार्थियों की हिन्दी की शब्द संपदा में वृद्धि होगी।
3. पत्र-लेखन, सार लेखन, भाव पल्लवन साक्षात्कार के कौशल का विकास होगा।
4. डायरी एवं संस्मरण लेखन विद्या का परिमार्जन होगा।
5. हिन्दी के समृद्ध साहित्य कोश से लाभान्वित होंगे।

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**Chairperson**  
**(Board of Studies)**

**Dean**  
**(Academic Council)**

**(Registrar)**  
**Seal**

## BASIC COMPUTER & INFORMATION TECHNOLOGY-I

### COURSE OBJECTIVE:-

To educate students to analyze, design, integrate & manage information systems using information technology.

### Syllabus:

**UNIT – I** Introduction to computer organization History of development of Computer system concepts. Characteristics, Capability and limitations.

Generation of computer. Types of PC's Desktop. Laptop, Notebook. Workstation & their Characteristics.

**इकाई – 1** कम्प्यूटर ऑर्गनाइजेशन का परिचय कम्प्यूटर का इतिहास, कम्प्यूटर सिस्टम विचारधारा, विशेषताएं, योग्यता एवं सीमाएं, कम्प्यूटर की पीढ़ियां, पी.सी. के प्रकार, डेस्कटॉप के प्रकार, लेपटॉप के प्रकार, नोटबुक, वर्क स्टेशन आदि की विशेषताएं।

**UNIT – II** Introduction to computer organization Basic components of a computer system Control Unit, ALU, Input / Output function and Characteristics, memory RAM, ROM, EPROM, PROM.

**इकाई – 2** कम्प्यूटर ऑर्गनाइजेशन का परिचय कम्प्यूटर सिस्टम के आधार उपकरण, कंट्रोल युनिट, ए.एल. यू. इनपुट/आउटपुट फंक्शन और विशेषताएं, मेमोरी रेम, रोम, इपी रोम, पी रोम, और अन्य प्रकार की मेमोरी।

**UNIT – III** Input & output devices Input Devices : Keyboard, Mouse, Trackball. Joystick, Digitizing tablet, Scanners, Digital Camera, MICR, OCR, OMR, Bar-code Reader, Voice Recognition, Light pen, Touch Screen.

Output Devices: Monitors Characteristics and types of monitor, Video Standard VGA, SVGA, XGA,

LCD Screen etc. Printer, Daisy wheel, Dot Matrix, Inkjet, Laser, Line Printer. Plotter, Sound Card and Speakers.

**इकाई – 3** इनपुट तथा आउटपुट डिवाइसेस **इनपुट डिवाइस:** कीबोर्ड, माउस, ट्रैकबॉल, जॉयस्टिक, डिजिटल टैबलेट, स्कैनर्स, डिजिटल केमरा, एमआईसीआर, ओसीआर, ओएमआर, बार कोड रीडर, आवाज को पहचानने वाला, लाइटपेन, टच स्क्रीन।

**इनपुट डिवाइस:** मॉनीटर की विशेषताएं एवं मॉनीटर के प्रकार, वीडियो स्टैंडर्ड VGA, SVGA, XGA, LCD स्क्रीन आदि, प्रिंटर, डेजी व्हील, डॉट मैट्रिक्स, इंकजेट, लेजर, लाइन प्रिंटर, प्लॉटर, साउंड कार्ड्स एवं स्पीकर्स।

**UNIT – IV** Storage Devices Storage fundamental primary Vs Secondary. Various Storage Devices magnetic Tape. Cartridge Tape, Data Drives, Hard Drives, Floppy Disks, CD, VCD, CD-R, CD-RW, Zip Drive, DVD, DVD-RW.

इकाई – 4 स्टोरेज डिवाइसेस स्टोरेज फंडामेंटल्स प्रईमेरी विरुद्ध भिन्न स्टोरेज डिवाइजेस मेग्नेटिक टेप, कार्टरेज टेप, डाआ ड्राईव्स, हार्ड डिस्क ड्राईव्स फ्लोपी डिस्कस, सी.डी., वी.सी.डी., सी.डी.–आर. सी.डी.– आर. डब्ल्यू, जीप ड्राईव, डी.वी.डी., डी.वी.डी., – आर. डब्ल्यू।

**UNIT – V** Operating System Introduction to operating systems, its functioning and types. Basic commands of dos & Windows operating System.

इकाई – 5 ऑपरेटिंग सिस्टम का परिचय ऑपरेटिंग सिस्टम का परिचय, उसके लक्षण एवं प्रकार, डॉस एवं विन्डोस का मूल कमांड।

## **PRACTICALS:-**

### **DOS:**

- DOS commands: Internal & External Commands.
- Special batch file: Autoexec, Bar Hard disk setup.

### **Windows 98:**

- Desktop setting: New folder, rename bin operation, briefcase, and function. Control panel utility.
- Display properties: Screen saver, background settings.

### **MS Word:**

- Creating file; save, save as HTML, Save as Text, Template, RTF Format.
- Page setup utility: Margin settings, paper size setting, paper source, layout.
- Editing: Cut, past special, undo, redo, find, replace, go to etc.
- View file: page layout, Normal Outline, master document, ruler header, footer, footline, full screen.
- Insert: break, page number, symbol, date & time, auto text, caption file, object, hyperlink, picture etc.
- Format: font, paragraph, bullets & numbering, border & shading, change case, columns.
- Table: Draw label, insert table, cell handling, table auto format, sort formula.

## **COURSE OUTCOME:-**

Student will be able to use computer system easily and they will get knowledge about how to use different type of operating system.

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**INTRODUCTION TO GEOGRAPHY**

**Unit-I:** Nature and Scope of Geography; Geography as a science; place of Geography in classification of Sciences, concept of space and concept of landscape (Regional & cultural).

**Unit -II:** Geography in Ancient (Greek, Rome and India) and Medieval Period; Development of Geography in Modern Period (German School, French School, British School and American School), Contribution of Humboldt, Ritter, Ratzel, Blache and Hartshorne to Geography.

**Unit -III:** Methods and Technique in Geography- Quantitative, Behaviourial, Radical, Humanistic, and Environmental; Remote sensing, GIS, GPS and Computer Cartography, Trends in Geography in Renaissance Period.

**Unit -IV:** Geographical Knowledge and people-Career in Geography,

**Unit -V :** Noted Indian Geographers who contributed to Development of India, Man-Environment Relationship, welfare Geography, Gender Geography in Modern Times in Indian context.

**Practical:**

- |  |            |
|--|------------|
| (a) Construction of scale: simple, diagonal and comparative;             | 10 – Marks |
| (b) Isoleth, Slope Analysis-Smith; drainage density, drainage hierarchy. | 10-Marks   |
| (c) PNB+Viva-Voce.   | 10- Marks  |

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## **Contemporary Issues in Geography**

### **Unit-I**

Introduction to Contemporary issues in Geography: Meaning and definition of contemporary issues; Nature of contemporary issues in Geography; Importance of study of contemporary issues in Geography

### **Unit-II**

Physical (Geomorphic/Climatic/Oceanic/Biological) issues:

Causes and effects of

- a. Landslides; Weathering; Earthquakes;
- b. Floods; Droughts; Cyclones; Ozone depletion; Global warming and climate change
- c. Tsunamis; El Nino and La Nina; Marine pollution
- d. Deforestation; Forest fire; Epidemics; Watershed Management

### **Unit-III**

Human (Population/Economic/Social/Political):

Causes and effects of

- a. Over population; Migration; Energy crisis; Urbanization
- b. Poverty; Globalization and Liberalization; Regional disparity; Exploitation of resources
- c. Terrorism; Conflicts due to race, religion and caste; HIV/AIDS; Unemployment
- d. Wars and Extremists Activity; Infiltration in India; Oil Politics; Water politics; Nuclear weapons

### **Unit-IV**

Modern theme in Geography:

- a. Applied Geography, Sustainable Development and Globalization.
- b. Climate Change, Global Warming and International Efforts and Response
- c. Basic indicators of human and gender development; Social inequality as constraint of development
- d. Population growth, Malnutrition, Food security and Hunger, Morbidity and Mortality

## Unit-V Practical

- (a) Village Survey with the help of village map allotted by HOD. 5-Marks
- (b) Hazard Mapping: Identification and zoning of the following hazards, collation of maps and their interpretation:
- (i) Meteorological drought (ii) Flood (iii) River bank erosion.
- (c) Measures of spatial and size class distribution: 10 Marks
- (i) Rank size rule (ii) Lorenz curve
- (d) PNB+Viva-Voce. 10- Marks

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## POLITICAL SCIENCE -I

### COURSE OBJECTIVE:-

- To prepare our students with better understanding of Political Science and its significance
- To provide a better understanding to our students of 'Rights and Powers'.

### Syllabus:

- UNIT –I** Political science – Definition nature and scope. Nature and significance of Political Theory. Methods: Traditional and Modern: Relations with other social sciences: Sociology, history, economics, psychology and geography.
- UNIT –II** Power and Authority, State – Origin, Development and Elements. State: Dominant perspectives – Sovereignty; Pluralistic criticism; Citizenship
- UNIT –III** Rights: Theories of Rights, Specific Rights, Rights and Duties; Liberty, Equality and justice. Democracy: Meaning, Types and Theories, Theories of Representation, Development and Welfare state.
- UNIT –IV** Legislature, Executive and Judiciary. Theory of Separation of Powers. Constitution: Meaning and types.
- UNIT –V** Types of Government: Dictatorship, Parliamentary and Presidential. UNIT ary and Federal, Party System, Pressure groups: Feminism.

### COURSE OUTCOMES:

- Students will be able for a better understanding about the nature of political science, powers, authority, rights and duties.
- Students will be responsible citizens of Indian political system and accountable for their deeds.

### Text. Books-

- |                     |             |                               |
|---------------------|-------------|-------------------------------|
| • Political Science | D.S. Tiwari | Ramesh Publishing House.      |
| • भारत में राजनीति  | रजनी कोठारी | ओरियन्ट ब्लैक स्वान पब्लिकेशन |

### Books Recommended

- डॉ. बी.एल. फड़िया— राजनीति विज्ञान कैलाश पुस्तक सदन,भोपाल
- डॉ. कुलदीप फड़िया –राजनीति विज्ञान कैलाश पुस्तक सदन,भोपाल
- डॉ.पुखराज जैन राजनीति विज्ञान साहित्य भवन आगरा

## HISTORY -I

### Course Objectives:-

- Students Know about the development of rock art and Harapan civilization.
- Students know about religious movements.
- Make sharp about historical development.

### SYLLABUS

- UNIT-I** History its concept, nature, scope and significance Survey of sources, land Environment and people. Indian Pre History age, Paleolithic culture-traditions and geographical distribution. Mesolithic culture, Distribution, Cultural development with special Reference Books Books Books to Rock Art.
- UNIT-II** Saraswati/Sindhu Civilization (harapan Civilization)-origin, extent, & decline, Saraswati/ Sindhu Civilization- Social, Economic & Cultural life, Science & Technology. Vedic Culture- Society, Polity, economy, culture and religion, Iron age – culture in India. Vedic Cultural- Social Condition-Varna, Jati, Occupational categories marriage, sixteen sansakars and four purusharthas.
- UNIT-III** Sixteenth Mahajanpad, Rise of new religious movements in North India. Buddhism and Jainism - its principles and rise and fall, The Mauryan Empire-Administration and economy, Ashoka's "Dhamma" Mauryan art and architecture. Post Mauryan Period: Sungas, Kshatrapas. Sathavahanas and Kushanas - Political social, economic and cultural condition.
- UNIT-IV** Gupta Empire - Political, social, economic and cultural life. Gupta Time (Upto 1200 A.D.): Society and culture. Important dynasties of the north: Social, Economy and Cultural conditions during Gurjar Pritihar, Kalchuries, Chandelas, and Permaras age.
- UNIT-V** Important dynasties of south: Cheras, cholas and Pallavas, chalukya, dynasty - social, and economical and Cultural life. Sangam Age India's relations with neighbour relation with East Asian countries and Srilanka , Invasion and their impacts of Arab-Mohammad bin Qasim Gazani - Mohammad Gazanani Ghori - Mohammad Ghori.

### COURSE OUTCOMES:-

- Students should be able to take Knowledge about historica development.
- They should know about civilization.
- Student Will Be Able For Various Social Activities.

**TEXT BOOKS-**

1.प्राचीन भारत का इतिहास—		मध्यप्रदेश हिन्दी अकादमी ।
2.प्राचीन भारत—	रोमीला थापर	राजकमल प्रकाशन
3.प्राचीन भारत का इतिहास—	बी.डी. महाजन	एस.चान्द प्रकाशन नई दिल्ली ।
4.अदभुत भारत—	बाशम	शिवलाल अग्रवाल एन्ड कंपनी
5.प्राचीन भारत का इतिहास	डॉ. संजीव जैन	कैलाश पुस्तक सदन

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## हिन्दी साहित्य / प्राचीन एवं मध्यकालीन काव्य

### पाठ्यक्रम उद्देश्य

- विद्यार्थियों को हिन्दी के महान रचनाकारों की रचनाओं से अवगत करना।
- भक्तिकाल की जानकारी देना।
- साहित्य समीक्षा किस प्रकार की जाए छात्रों को जानकारी देना।
- कबीर, सूरदास, तुलसीदास, बिहारी, घनानन्द, भूषण इत्यादि कवियों की रचनाओं की समीक्षा।
- भक्तिकालीन कवियों की कालजयी रचनाओं को युवापीढ़ी तक पहुँचाना।

### पाठ्यक्रम

- इकाई—1 कबीर, सूरदास, तुलसीदास, बिहारी, घनानन्द, भूषण (निर्धारित अंशों से व्याख्या)।  
इकाई—2 भक्तिकाल एवं रीतिकाल की पृष्ठभूमि, प्रमुख प्रवृत्तियाँ, धाराएँ एवं विशेषताएँ।  
इकाई—3 कबीर, सूरदास और तुलसी के निर्धारित साहित्य की समीक्षा।  
इकाई—4 बिहारी, घनानन्द और भूषण के निर्धारित साहित्य की समीक्षा।  
इकाई—5 द्रुत पाठ के कवि—अमीर खुसरों, विद्यापति, जायसी, मीरा, रसखान, केशव,  
पद्माकर का द्रुतपाठ।

नोट— द्रुत पाठ के कवियों पर लघु उत्तरीय प्रश्न पूछे जायेंगे।

### पाठ्यांश—

1. **कबीरदास** — (सं० कान्ति कुमार)  
गुरुदेव को अंग, बिरह को अंग, ग्यान बिरह को अंग, सुमिरन को अंग  
प्रत्येक से प्रारंभिक 5—5 दोहे एवं प्रारंभिक 5 पद
2. **सूरदास**—(सं० डॉ. धीरेन्द्र वर्मा)  
विभिन्न प्रसंगों से कुल 15 पद—उद्धव संदेश से पद कम 9, 10, 15, 21, 22, 26, 27,  
29, 52, 53, 62, 82, 95, 101, 120
3. **तुलसीदास** — विनय पत्रिका एवं कवितावली से प्रारंभिक 5—5 पद, अयोध्या कांड  
(रामचरितमानस) दोहा क्रमांक 117 से 121 तक
4. **बिहारी** — (बिहारी रत्नाकर—जगन्नाथ दास रत्नाकर) चयनित 20 दोहे (भक्ति, नीति,  
प्रकृति, श्रृंगार, विरह के 5—5 दोहे) दोहा संख्या — 1, 5, 6, 7, 8, 11, 14, 16, 18, 19,  
21, 25, 28, 31, 32, 35, 37, 38, 41, 51 त्र कुल 20 दोहे
5. **घनानन्द**— सं० डॉ० रामचन्द्र तिवारी विश्वविद्यालय प्रकाशन, वाराणसी, (15 सवैये) 2, 3,  
4, 6, 8, 9, 10, 11, 12, 14, 15, 17, 19, 20, 22 त्र कुल 15 पद
6. **भूषण**—चयनित 15 कवित्त  
वन्दना — 1,2  
शिवाजी प्रशस्ति— 9, 10, 11, 12, 15, 17, 20  
छत्रसाल प्रशस्ति — 22, 23, 26, 32, 34

## द्रुत पाठ—

- (1) अमीर खुसरो
- (2) विद्यापति
- (3) जायसी
- (4) मीरा
- (5) रसखान
- (6) केशव
- (7) पद्माकर

## अपेक्षित परिणाम

1. विद्यार्थी भक्तिकाल की पृष्ठभूमि इतिहास विकास से परिचित हो सकेंगे।
2. विद्यार्थियों में समीक्षा व विश्लेषण के कौशल का विकास होगा।
3. विद्यार्थी अमीर खुसरो, मीरा, रसखान, केशव इत्यादि भक्तिकालीन कवियों की पृष्ठभूमि, रचनाओं इत्यादि से अवगत हो सकेंगे।
4. विद्यार्थी कबीर, तुलसीदास, बिहारी, घनानंद, भूषण इत्यादि के भक्ति साहित्य को जान व समझ सकेंगे।

## Text Books-

1. प्राचीन काव्य भाषा की प्रवृत्तियों      डॉ. शैलेन्द्र उपाध्याय      – भारतीय साहित्य प्रकाशन, दिल्ली।
2. हिन्दी साहित्य का इतिहास—      आचार्य रामचन्द्र शुक्ल
3. रीति काव्य की भूमिका—      डॉ. नगेन्द्र
4. कवीर –हजारी प्रसाद द्विवेदी
5. जायसी –विजयदेव नारायण साही
6. महाकवि सूरदास— नंददुलारे बाजपेयी
7. लोकवादी तुलसीदास –विश्वनाथ त्रिपाठी
8. भक्तिकाव्य और भक्ति आंदोलन—शिवकुमार मिश्र
9. बिहारी— विश्वनाथ प्रसाद मिश्र
10. घनानंद ग्रन्थावली— विश्वनाथ प्रसाद मिश्र

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## ENGLISH LITERATURE PAPER: POETRY

### Course Objectives:

1. Students can learn vast ancient history of English Literature.
2. Students also learn about different writers and poets.

### Syllabus:

**UNIT-I** Annotations-From Unit II to V **Forms of poetry:** The Sonnet, Elegy, Ode, Epic, Ballad, Lyric, The Dramatic Monologue, Allegory

**UNIT- II** William Shakespeare-

From Fairest Creatures  
The Little Love-God, True Love,  
Shall I Compare Thee to a summer's Day  
John Milton –  
On His Blindness  
Of Man's First Disobedience (Paradise Lost, Book-I, Lines 1 to 26).

**UNIT- III** John Donne-

Sweetest Love I Do Not Go  
This is May Play's Last Scene  
John Dryden – The Portrait of Shadwell  
Alexander Pope – Ode to Solitude

**UNIT- IV** Thomas Gray- Elegy Written in a Country Churchyard

William Collins – Ode to Evening  
Oliver goldsmith – Portrait of the Village School-master (Extract from the Village) Deserted

**UNIT- V** William Blake – Tyger, Tyger, Burning Bright

B.B. Shelley – To a Skylark  
John Keats – Ode to a Nightingale  
Edwin Arnold – Light of Asia (An extract from Book-III).

### COURSE OUTCOMES:-

- Students will get to learn about literary writing of various poets .

**Text. Books:**

- |  |             |         |
|--|-------------|---------|
| 1. The complete works of shakespeare's publication | shakespeare | Penguin |
| 2. John Milton- Lost paradise- Book 1- publication | Dr. S.Sen.  | Unique  |
| 3. A Glossary of Literary Terms publication        | M.H.Abrams  | Unique  |

**Reference Books-**

- |  |                                 |                    |
|--|---------------------------------|--------------------|
| 4. Five Centuries of Poetry India  | C.N. Ramchandran & Radhe Achar, | Macmillan Ltd.     |
| 5. Strings of Gold. India  | Jasbir Jain.                    | Macmillan Ltd.     |
| 6. An Anthology of Commonwealth Poetry. (Laxmi Publications Pvt. Ltd.)                 | C.D. Narasimiah                 | Publications India |
| 7. An Introduction to the Study of English Literature - B. Prasad (Laxmi Publications) |                                 | Publications       |

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## ECONOMICS-I

### COURSE OBJECTIVES:-

1. To provide the knowledge about to understand Micro economics problem.
2. Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
3. They will learn the various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.

### SYLLABUS

**Unit -I Introduction to Micro Economics**-Definition, Evolution, Scope & Nature of economics, Methods of Economic Analysis - Inductive & Deductive – Logic, Merits & Demerits. Basic Concept – Law of Demand and Supply.

**Unit -II Utility analysis**– Cardinal and Ordinal Approaches, Elasticity of Demand – Price, Income & Cross Elasticity, Indifference Curve Analysis – Meaning, Characteristics, Consumer Equilibrium, Consumer Surplus.

**Unit -III Production** – Laws of Production, Law of Variable Proportion, Return to Scale, Economies of Scale, Iso- Quants – Meaning and Characteristics, Concepts of Cost and Revenue – Total, Marginal & Average.

**Unit -IV Market** – Concept and Classification. Perfect Competition – Characteristics, Price and Output Determination for Firm and Industries. Monopoly – Characteristics, Price and Output Determination. Monopolistic Competition - Characteristics, Price and Output Determination.

**Unit -V Factor Pricing** - Theory of Marginal Productivity of Distribution, Classical and Modern Theories of Wages, Rent, Interest and Profit. Keynesian Theory of Interest.

## COURSE OUTCOMES:-

- Students will be able to Understood Micro economics problem.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They know about various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.

## Text Books-

1. ADVANCE ECONOMIC THEORY	AHUJA H.L.	S. CHAND PUBLICATION.
2. MICRO ECONOMICS	SETH M.L	LAXMI NARAYAN PUBLICATION.
3. MICRO ECONOMICS	JHINGAN M.L.	VRINDA PUBLICATION
4. PRINCIPAL OF ECONOMICS	D.M. MITHANI	HIMALAYA PUBLISHING HOUSE.
5. अर्थशास्त्र	पंत जे.सी. एवं अग्रवाल	साहित्य भवन पब्लिकेशन

## Reference Books:

6. अर्थशास्त्रसिन्हा	वी.सी. तथा सिन्हा पुष्पा	साहित्य भवन पब्लिकेशन।
7. अर्थशास्त्र	सेठ एम.एल.माइक्रो	लक्ष्मी नारायण पब्लिकेशन
8. अर्थशास्त्र	महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र	साहित्य भवन पब्लिकेशन।
9. उच्च अर्थिक विश्लेषण	अहुजा एम.एल.	एस.चांद पब्लिकेशन।
10. वृष्टि अर्थशास्त्र	झिंगन एम.एल.	वृंदा पब्लिकेशन।

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## SOCIOLOGY-I

### COURSE OBJECTIVES:-

- To developed the conceptual freme works about basic concept of Sociology.
- To Provid knowledge of social relation, society about and social change.
- To know about the knowledge of applied sociology.

### Syllabus:

- UNIT-I** Nature of Sociology, Meaning of Sociology, Sociological Perspective, Sociology and Social Sciences, The scientific and humanistic orientations to sociological study.
- UNIT –II** Society, Comm UNIT y, Institutions, Associations, Group, Social structure, Status-Role, Family and Kinship, Religion, Education, Politics
- UNIT-III** Society,Culture, Sociolization- Relation between individual and society Sociolization social Control, Values and Norms Social Stratification and mobility- Meaning, forms and theories.
- UNIT-IV** Social Change-Meaning and type, Evolution and Developmen, progress and revolution factors of social change and theories.
- UNIT –V** Introduction to Applied Sociology, Sociology and social problems-Sociology and social policy and action, Sociology and Development, Sociology and Professions

### COURSE OUTCOMES:

- Students should learn the besic social concepts of society and understand the Applied Sociology.
- Student should be able to understand the concept of sociology .
- Student should be able to understand the social relation, society and social change.
- Student should be able to Knowledge about applied sociology.

### Text Books:

- Sociology Dr. Singh B.R. Central Law Agency Allahabad
- Indian Society Dr. Sharma D.D. Gupta Sahitya Bhawan Publication  
Agra
- समाजशास्त्र का परिचय, सिंह: आर जी म.प्र. हिन्दी ग्रंथ अकादमी,भोपाल।
- समाजशास्त्र का परिचय महाजन धर्म वीर विवेक प्रकाशन नई दिल्ली।
- यूनिफाइड समाजशास्त्र— बघेल डी.एस. कैलाश पुस्तक सदन भोपाल।
- समाजशास्त्र अग्रवाल जी.के. साहित्य भवन आगरा।

### Reference Books-

- Sociology Lundberg G.A. Harper & Raw  
Publicshers New Yark
- Sociology Giddens A and Sutton P.W. Polity Press Cambridge UK
- Introducation to Sociology Giddens A W. W. Norton & Company
- Introducation to Sociology George Ritzer SAGE Publication New Delhi
- समाज शास्त्र एक परिचय ठाकुर नर्वेदु सेंद्रल लॉ पब्लिकेशन।
- समाजशास्त्र बॉटोमोर टी.बी. भारतीय संस्करण मुम्बई।

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## ENGLISH LANGUAGE AND INDIAN CULTURE

### COURSE OBJECTIVES:

- To Study the basic concept and Language Skills of English Language.
- Comprehensive study of different kinds of vocabulary in English Language.
- To Study the different era in every story and moods in poems.

### SYLLABUS:

#### UNIT – I

1. Amalkanti: Nirendranath Chakrabarti
2. Sita: Toru Dutt
3. Tryst with Destiny: Jawaharlala Nehru
4. Delhi in 1857: Mirza Ghalib
5. Preface to the Mahabharata: C. Rajagopalachari
6. Where the Mind is Without Fear: Rabindranath Tagore
7. A Song of Kabir: Translated by Tagore
8. Satyagraha: M.K. Gandhi
9. Toasted English: R.K. Narayan
10. The Portrait of a Lady: Khushwant Singh
11. Discovering Babasaheb: Ashok Mahadevan

**UNIT – II** Comprehension

**UNIT – III** Composition and Paragraph Writing (Based on expansion of an idea).

**UNIT – IV** Basic Language Skills : Vocabulary – Synonyms, Antonyms, Word Formation, Prefixes and Suffixes, Words likely to be confused and Misused, Words similar in Meaning or Form, Distinction between Similar Expressions, Speech Skill.

**UNIT – V** Basic Language Skills : Grammar and usage – The Tense Forms, Propositions, Determiners and Countable/Uncountable Nouns, Verb, Articles, Adverbs.

### COURSE OUTCOMES:

1. Students will be able to understand the basic concept and Language Skills of English Language.
2. Students will be able to understand the different use of vocabulary in their sentences.
3. Students will be able to understand the varieties of stories on different issues and on different format.

**Text Books:**

- English Language and Indian culture  
NayeerPublisherMadhay  
desh Hindi  
Granth  
Dr. Neeraj Agnihatri,Dr. Sameera  
Pra  
Academy,Bhopal.
- English Grammar and Composition  
Wren & Martin  
S.CHAND & COMPANY  
New Delhi

**Reference Books:**

- Junior English Grammar Lucent  
Sharma R.K.  
Publication Patna.
- A Senior English Grammar and composition  
New  
Aggarwala N.K.  
Goyal Prakashan  
Delhi.
- A comprehensive Approach to English Grammar  
Indra  
Shrivastava  
Avinash Pratap  
Publishing Ho  
use BPL
- Essentials of English Grammar  
University  
Raymond Murphy  
Cambridge  
press
- Learner's English Grammar and Composition  
Company  
N.D.V.Prasada Rao  
S.Chand &  
Ltd. Ne  
w Delhi.

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## FUNDAMENTALS OF ENTREPRENEURSHIP

### COURSE OBJECTIVE:

Understanding basic concepts of entrepreneurship and key steps in the elaboration of business ideas, Developing personal creativity and entrepreneurial initiative.

### Syllabus:

- UNIT – I** Entrepreneurship-Definition, Characteristics and importance, Types and functions of an entrepreneur, merits of a good entrepreneur motivational factors of entrepreneurship.
- UNIT – II** Motivation to achieve targets and establishment of ideas. Setting targets and facing challenges. Resolving problems and creativity. Sequenced planning and guiding capacity, Development of self confidence. Communication skills, Capacity to influence, leadership.
- UNIT– III** Project Report- Evaluation of selected process. Detailed project report - Preparation of main part of project report pointing out necessary and viability. Selecting the form of Organization: Meaning and characteristics of sole Proprietorship, Partnership and cooperative committees, elements affecting selection of a form of an organization. Economic management -Role of banks and financial institutions banking, financial plans, working capital-evaluation and management, Cost and Price determination, Calculation of Profits, keeping of accounts.
- UNIT– IV** Production management - Methods of purchase. Management of movable assets/goods. Quality management. Employee management. Packing. Marketing management Sales and the art of selling. Understanding the market and market policy. Consumer management. Time management.
- UNIT - V** Role of regulatory institutions - district industry centre, pollution control board, food and drug administration, special study of electricity development and municipal corporation. Role of development organizations, khadi & village Commission/ Board, State Finance Corporation, scheduled banks, MP Women's Economics Development Corporation. Self-employment-oriented schemes, Prime Minister's Employment schemes, Golden Jubilee Urban environment scheme, Rani Durgavati Self-Employment scheme, Pt. Deendayal Self- employment scheme. Various grant schemes - Cost-of-Capital grant, interest grant, exemption from entry tax, project report, reimbursement grant, etc. Special incentives for women entrepreneurs, prospects & possibilities. Schemes of Tribal Finance Development Corporation, schemes of Antyavasai Corporation, schemes of Backward Class and Minorities Finance Development Corporation.

## **COURSE OUTCOME:-**

Understanding basic concepts in the area of entrepreneurship, understanding the stages of the entrepreneurial process, adopting of the key steps in the elaboration of business ideas, Developing personal creativity and entrepreneurial initiative.

## **Reference Books**

- 1.Fundamental of Entrepreneurship : Sangram Kesari Mohanty (PHI Publications)
- 2.Udhyamita Vikas : U.C Gupta (Kailash Prakashan)
- 3.Entrepreneurship Dvelopment : D. Acharya (Himalya Publication House)

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**GEO-TECTONICS AND GEOMORPHOLOGY**

Unit- I : Origin of the Earth with particular reference to Big Bang Theory; Geological time scale .Earth's movements: orogenic and epeirogenic. Earthquake and vulcanicity.

Unit- II : General Degradational Processes: Processes of rock weathering and their effects on landform; Fluvial processes and landforms; Glacial processes and landforms; Aeolian processes and landforms;.

Unit- III: Basic concepts of geomorphic agents and processes; Landforms on limestone; Development of river network and landforms on uniclinal and folded structures.

Unit- IV: Normal cycle of erosion by W. M. Davis; Views of W. Penck on normal cycle of erosion; Cycle of Pediplanation by L. C. King;.

Books Recommended: • Bloom A. L., Geomorphology: A Systematic Analysis of Late Cenozoi

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**COURSE CODE: 3HBGE203H**

## **CLIMATOLOGY AND OCEANOGRAPHY**

Unit-I: Definition and significant of climatology: weather and climate and its elements. Atmosphere-Structure, Composition; Insolation, , Atmospheric pressure

Unit-II: Wind-General circulation, planetary winds, Local winds, Air Masses. Indian monsoon.

Unit III: Surface configuration of the ocean; Continental shelf, Continental slope, Deep Sea plain & Ocean deeps. Bottom relief of Atlantic & Indian oceans, Horizontal & Vertical distribution of temperature in oceans.

Unit IV: Composition of sea water- salinity; distribution. Deposits on ocean floor; Terrigenous & Pelagic deposits, Distribution; Coral reefs; types and distribution.



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## **PRACTICAL**

### **Unit-1**

Hythograph and Climograph

### **Unit – 2**

Map project: definition and classicification ;projection ;simple ,equal area

### **Unit- 3**

Project report allotted area by department

### **Reading List:**

Sinha, R.R.P (2001). Manovigyan me prayog, Parikchan aur Snakhiyeki.

Sulaiman, M (1999). Manovigyan Prayog aur parikcahn. Patna: Motilal Banarsidas.

Anastasi A. (1988). Psychological Testing .New York: McMillan.



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**POLITICAL SCIENCE-II**

**COURSE OBJECTIVES:-**

- To prepare our students with Indian constitution and its problems.
- To provide a better understanding our students with Loksabha, Rajyasabha and Election Commission.

**Syllabus:**

- UNIT - I** Brief History of Indian National Movement. The Making of India's constitution and its sources. Preamble of Indian Constitution, Basic Features of Indian Constitution.
- UNIT-II** Fundamental rights and duties. Directive principles of State policy.  
Union Executive: President, Cabinet and Prime Minister.
- UNIT -III** Union Parliament : Loksabha, RajyaSabha, Supreme Court; Centre –State Relations; Election Commission.
- UNIT-IV** The State Government Executive Governor, Council of Ministers and the Chief Minister, State Legislature : Legislative Assembly and Legislative Council.
- UNIT-V** Political Parties : National and Regional Parties. Major issues in Indian Politics– Caste, Religion, Languages, Region, Poverty – Alleviation and Electoral Reforms.

**COURSE OUTCOMES:-**

- Students will be able for a better understanding about of Loksabha,Rajasabha. Students should become a good citizen of country
- Students will have a better understanding of elections , multi party system and electoral reforms.

**Text. Books-**

- **Indian government and Poltices** **Peu Ghosh** **PHI Learing Pvt. Ltd.**
- भारतीय शासन एवं राजनीति **बी.एस. शर्मा** **S.R. Scintific Publication**

**Books Recommended**

- डॉ. बी.एल. फड़िया– राजनिती विज्ञान कैलाश पुस्तक सदन,भोपाल
- डॉ. कुलदीप फड़िया –राजनिती विज्ञान कैलाश पुस्तक सदन,भोपाल
- डॉ.पुखराज जैन राजनिती विज्ञान साहित्य भवन
- आगरा

## **HISTORY-II**

### **COURSE OBJECTIVES:-**

- Students make sure about modern era –Renaissance.
- Make sure them about Glories and Economic revolution.
- Give them Knowledge about Napoleon rise and fall and American war.

### **SYLLABUS**

- UNIT-I** The rise of modern era-Renaissance. Decline of Feudalism. Revolution movement- Rise of the absolute state-Spain, France and Britain.
- UNIT-II** Economic revolution of the modern western world-Mercantilism and commercial Repolution, Beginnings of colonialism. Industrial revolution and emergence of new social classes.
- UNIT-III** Glorios Revolution of England 1688 A.D., American Revolution (1776 A.D.)- its causes, nature and impact. French Revolution (1789), Causes Nature results and worldwide impact.
- UNIT-IV** Age of Napoleon his rise and fall, Vienna Cogress(1815), Age of Metternich, Concert of Europe, Holy Alliance Revolution of 1830 and 1848 A.D. and their impact over Europe, Eastern Question upto Crimean war 1856 A.D. Napoleon III- Internal and external policy.
- UNIT-V** Age of Conservatism, European exploitation of Asia and America, Liberalism in England-Act of 1842 and Chartist movement, Act 1876 A.D. American war of independence. Unification of Italy. Unification of Germany.

### **COURSE OUTCOMES:-**

- Students should be able to know the about economic revolution
- They know about many other movement of America and Germany.
- They get knowdge of American war.

### **Text Books-**

- |  |                  |                        |
|--|------------------|------------------------|
| 1. Modern Europe   | C.J.H. Hayes-    | Surjeet Publication    |
| 2. Europe in the 19 <sup>th</sup> and 20 <sup>th</sup> Century |                  | Also Hindi version     |
| 3. Grant and Temperley-  | C.D..M. Ketelby- | Histry of Modern Times |

### **Reference Books**

- |                                   |                       |                         |
|-----------------------------------|-----------------------|-------------------------|
| 4. विश्व इतिहास की प्रमुख धाराएँ। | डॉ. भगवान सिंह वर्मा- |                         |
| 5. विश्व इतिहास                   |                       | कैलाश पुस्तक सदन भोपाल। |
| 6. विश्व का इतिहास                | कुमार नलिन            | MC Grow hill            |
| Publication (Hindi and English)   |                       |                         |

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## ENGLISH LITERATURE-II

### COURSE OBJECTIVES:-

- Students will learn about prose.
- They will analyse the literary thing of prose writers.

### Syllabus

**Unit I** Annotations-  
From Unit II to V  
Types of Prose and Prose Style: Autobiography/Biography and Memoir, Travelogue,  
Periodical Essay, Formal Essay, Personal Essay

**Unit II** Francis Bacon:  
Of Studies,  
Of Expense,  
Of Travel,  
Of Great Place

**Unit III** Joseph Addison:  
Sir Roger at Church,  
Sir Roger at Home,  
The Spectator's Account of Himself,  
The Vision of Mirza

**Unit IV** Charles Lamb :  
After a Holiday,  
Loneliness  
E. V. Lucas:  
Unbirthday and Other Presents,  
On Finding Things

**Unit V** A.G. Gardiner  
On the Rule of the Road,  
On saying Please  
H.G. Wells :  
The Stolen Bacillus

### COURSE OUTCOMES:-

- Students will get to learn the literary thinking of prose writers.

### Text Books-

- The English Essay and Essayists New Hugh Walker. S. Chand & Company, Delhi: 1977
- English Essayists. 1978. Sushant K.Sinha. Oxford University Press
- A Galaxy of English Essayists: Bacon to Beerbohrn Ed.M.G. Nayar Macmillan, New Delhi

### Reference Books -

- English Essays: A Representative Anthology W Cuthbert Robb. Blackie and Sons
- .Prose in English Literature. N.K. Singh, I.A. Khan. Omega Publications
- Francis Bacon and Renaissance Prose - University Brian Vickers Cambridge Press
- Charles Lamb: Essays of Elia New N.L. Hailward , M.A. Cantab Macmillan, Delhi
- Historical Essays : Thomas Carlyle, Univ. of California P California, 2003

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## हिन्दी साहित्य— कथा साहित्य

### पाठ्यक्रम का उद्देश्य:—

- विद्यार्थियों को उपन्यास व कहानियों के विकास से परिचित करवाना।
- कहानियाँ के जीवन पर प्रभाव का बोध कराना।
- प्रेमचंद व वृन्दावन लाल वर्मा की उपन्यास कला से परिचित करवाना।
- जयशंकर प्रसाद, प्रेमचंद, कमलेश्वर, भीष्म साहनी, मोहन राकेश इत्यादि की लोकप्रिय व प्रसिद्ध रचनाओं को समझने की सामर्थ्य का विकास करना।

### पाठ्यक्रम

इकाई—एक निर्धारित उपन्यासों एवं कहानियों की व्याख्या।

इकाई—दो हिन्दी उपन्यास एवं कहानी का उद्भव, विकास एवं प्रवृत्तियाँ।

इकाई—तीन निर्धारित उपन्यासों की विस्तृत समीक्षा।

इकाई—चार निर्धारित कहानियों की विस्तृत समीक्षा।

इकाई—पांच द्रुतपाठ—जैनेन्द्र कुमार, अमृतलाल नागर, फणीश्वर नाथ रेणु (कथाकार), कृष्णा सोबती, सुदर्शन, मार्कण्डेय (उपन्यासकार)।

नोट : द्रुतपाठ के लेखकों पर लघुउत्तरी प्रश्न पूछे जाएंगे।

1. निर्धारित उपन्यास
  - गबन—प्रेमचंद
  - झांसी की रानी—वृन्दावन लाल वर्मा
2. निर्धारित कहानियाँ
  1. आकाशदीप—जयशंकर प्रसाद
  2. ठाकुर का कुआँ—प्रेमचंद
  3. जार्ज पंचम की नाक—कमलेश्वर
  4. परिन्दे—निर्मल शर्मा
  5. चीफ की दावत—भीष्म साहनी
  6. परमात्मा का कुत्ता—मोहन राकेश

7. जिन्दगी और जोंक—अमरकांत
8. वापसी—उषा प्रियम्वदा

अनुशंसित पुस्तकें :-

1. हिन्दी कथा साहित्य—मध्यप्रदेश हिन्दी ग्रंथ अकादमी, भोपाल ।
2. गबन—मुंशी प्रेमचंद ।
3. आपका बंटी—मन्नु भंडारी ।
4. आधुनिक हिन्दी साहित्य विविध आधार— डॉ. रामचंद्र तिवारी ।

### द्रुतपाठ—

1. द्रुतपाठ—जैनेन्द्र कुमार,
2. अमृतलाल नागर,
3. फणीश्वर नाथ रेणु (कथाकार),
4. कृष्णा सोबती, सुदर्शन,
5. मार्कण्डेय (उपन्यासकार) ।

### अपेक्षित परिणाम

1. हिन्दी उपन्यासकार प्रेमचंद व वृंदावनलाल वर्मा ,मन्नु भंडारी की उपन्यास कला समझ पायेंगे।
2. जैनेन्द्र अमृतलाल नागर, यशपाल इत्यादि के जीवनवृत्त व कृतियों से परिचित हो सकेंगे।
3. साहित्य के लोकप्रिय कथाकारों की कालजयी कहानियों और कहानी कला से परिचित हो सकेंगे।

### Text Books-

- |                           |                     |                   |
|---------------------------|---------------------|-------------------|
| 1. भाषा भारती             | डॉ अमर नारायण सिंह— | प्रकाशन, दिल्ली । |
| 2. हिन्दी कहानी का इतिहास | गोपाल राय           |                   |
| 3. नई कहानी               | नामवर सिंह          |                   |

### Reference Books-

- |  |                      |
|--|----------------------|
| 4. प्रेमचन्द्र और उनका युग                     | रामविलास वर्मा       |
| 5. कहानी का रचना विधान                         | जगन्नाथ प्रसाद शर्मा |
| 6. हिन्दी कहानी बीसवीं शताब्दी का उत्तरार्द्ध— | नरेन्द्र मोहन ।      |

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## ECONOMICS-II

### COURSE OBJECTIVES:-

- To develop the conceptual frame work about basic concepts of Indian Economy.
- To provide the knowledge about to understand Indian population policies and aware student problem of growing population in India.
- The objective is to impart a breadth of knowledge and analytical skills to the students in the field of agricultural economics.
- To provide the knowledge about to understand Growth and current problems of industrial and agriculture Development in India.

### SYLLABUS

- Unit -1**      **Structure of Indian Economy** – Primary, Secondary & Tertiary Sectors. Basic Features – Natural Resources, Land, Water, Forest and Mineral Resources.
- Unit -2**      **Human Infrastructure of Indian Economy** – Health, Nutrition, Education, Knowledge & Skills, Housing and Sanitation. Demographic Features (As per New Census) – Population, Size, Sex, Rural –Urban Classification, Population Distribution, Recent National Population Policy.
- Unit -3**      **Agriculture** – Nature and Importance, Land Reform, Green Revolution, Rural Credit, Agriculture Marketing and Mechanization. Basic Features of C.G. Economy, Main Causes of backwardness Agriculture in C.G.
- Unit -4**      **Small Scale and Cottage Industries** – Meaning, Important and Problems.  
  
**Major industries in India** – Iron & Steel, Textile, Sugar, Cement, Auto-Mobiles.
- Unit -5**      **Planning in India** – Objective, Strategy, Achievement & Failures of Planning in India . Analysis of Current Five Year Plan.

### COURSE OUTCOMES:-

- Students will be able for a better understood about basic concepts of Indian Economy.
- Student should be able to understood about Indian population policies and aware the problem of growing population in India.
- They know about the Growth and current problems of industrial and agriculture Development in India.

**Text Books-**

- |                                  |                          |                         |
|----------------------------------|--------------------------|-------------------------|
| 1. INDIAN ECONOMY<br>PUBLICATION | MISHRA S.K AND PURI V.K: | HIMALYA<br>HOUSE.       |
| 2. INDIAN ECONOMY<br>AND         | S. CHAND AND CO.         | DUTT RUDDR<br>SUNDARAM: |
| 3. भारतीय अर्थव्यवस्था           | मिश्रा एवं पुरी          | हिमालय पब्लिकेशनA       |

**Reference Books:**

- |                         |                                       |                        |
|-------------------------|---------------------------------------|------------------------|
| 4. भारतीय अर्थव्यवस्था, | रुद्र दत्त एवं सुन्दरम                | ,एस.चान्द पब्लिकेशन।   |
| 5. भारतीय अर्थव्यवस्था  | पंत जे.सी. एवं अग्रवाल                | साहित्य भवन पब्लिकेशन। |
| 6. अर्थशास्त्र          | महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्रः | साहित्य भवन पब्लिकेशन। |

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## **SOCIOLOGY-II**

### **Objectives:-**

- Make Students aware about our rural and urban issues.
- Give them the Knowledge about family, marriage and their changing status.
- Give them the Knowledge of Institutions in Indian society.

### **SYLLABUS**

**UNIT - I** The Textual and the field view of Indian Society, The significance of the field view, the interface between present and Past.

**UNIT – II** The structure of Indian society; villages, Towns, Rural – Urban linkages, Tribes, Dalits, Population profile and related issues.

**UNIT – III** Cultural diversity – Caste, Religious beliefs and practices and cultural patterns.

**UNIT – IV** Basic institutions of Indian Society : Caste, Kinship, Family, Marriage and Changing Status.

**UNIT – V** Change and transformation in Indian society, Nation building – Present status, Problems and role of sociology, Tradition and Modernity.

### **Outcomes:-**

- Students should be able to know the life of rural and urban issues and their problems.
- Student can get Knowledge of family, marriage and change status.
- Student should be able to know about institutions of Indian society.

### **Books Recommended:**

- राम आहूजा भारतीय समाज –, रावत पब्लिकेशन, जयपुर।
  - कुमार दिग्विजय सिंह भारतीय समाज– ( लंम्सिस, नेक्सिस पब्लिकेशन)।
  - टी.बी. बॉटोमोर :समाजशास्त्र भारतीय संस्करण मुम्बई।
  - आर जी सिंह: समाजशास्त्र का परिचय, म.प्र. हिन्दी ग्रंथ अकादमी,भोपाल।
  - धर्म वीर महाजन समाजशास्त्र का परिचय – विवके प्रकाशन नई दिल्ली।
  - जी.के. अग्रवाल यूनिफाइड समाजशास्त्र –साहित्य भवन आगरा।
  - डी.एस. बघेल यूनिफाइड समाजशास्त्र– कैलाश पुस्तक सदन , भोपाल।
  - सिंह राम गोपाल– भारतीय समाज म.प्र. हिन्दी ग्रंथ अकादमी , भोपाल।
  - डॉ. ध्रुव दिक्षित–यूनिफाइड समाजशास्त्र–शिवलाल अग्रवाल एण्ड कम्पनी।
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## हिन्दी भाषा संवेदना एवं संचार साधन

### पाठ्यक्रम के उद्देश्य—

- विद्यार्थियों को भारतीय संवेदना, संस्कृति, वैश्विक चेतना से परिचित कराना।
- धर्म, दर्शन, न्याय, नीति, साहित्य की प्राचीन व नवीन मान्यताओं से परिचित करवाना।
- संचार संसाधनों से परिचित करवाना।
- सिनेमा, रंगमंच, संगीत, चित्रकला इत्यादि से परिचित करवाना।

### पाठ्यक्रम:

#### इकाई -1

1. भारतीय संस्कृति
2. भारतीय समाज व्यवस्था
3. सभ्यता एवं संस्कार
4. वैश्विक चेतना
5. समन्वयीकरण भारतीय एवं अंतर्राष्ट्रीय संदर्भ में

#### इकाई – 2

1. धर्म
2. न्याय
3. दर्शन
4. नीति
5. साहित्य

#### इकाई – 3

1. संचार संसाधन : संपर्क के नए क्षितिज
2. समाचार पत्र
3. भारतीय प्रेस परिषद्
4. रेडियो
5. दूरदर्शन

#### इकाई – 4

1. सिनेमा
2. रंगमंच
3. संगीत
4. चित्र, मूर्ति, स्थापत्य कला
5. शिल्प कला

इकाई – 5

1. कम्प्यूटर
2. दूरभाष सौगात विज्ञान की
3. मंत्र) कहानी :( प्रेमचंद
4. मातृ भूमि) कविता :(मैथिलीशरण गुप्त
5. साहित्यकार का दायित्व डॉ. .प्रेम भारती

अपेक्षित परिणाम:

1. विद्यार्थी आधुनिक संचार संसाधनों के प्रयोग में कुशल हो सकेंगे।
2. भारत की धर्म, दर्शन, नीति, संस्कृति, सभ्यता, संस्कारों इत्यादि के प्रति ज्ञान प्राप्त कर कुशल एवं संवेदनशील नागरिक बन सकेंगे।

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## BASIC COMPUTER & INFORMATION TECHNOLOGY-II

### Course Objective:

To educate students to analyze , design , integrate & manage information systems using information technology.

### Syllabus:

#### UNIT – I: Word Processing: Word

- MS Word: features, Creating, Saving and Operating Multi document windows, Editing Text selecting, Inserting, deleting moving text.
- Previewing documents, Printing document to file page. Reduce the number of pages by one.
- Formatting Documents: paragraph formats, aligning Text and Paragraph, Borders and shading, Headers and Footers, Multiple Columns.

#### इकाई—1: वर्डप्रोसेसिंग

- वर्डप्रोसेसिंग का परिचय
- एम. एस वर्ड: फीचर्स, क्रीएटिंग, सेविंग एवं ओपनिंग, मल्टी डॉक्यूमेंट विंडोस, एडिटिंग टेक्स्ट सिलेक्टिंग, इंसर्टिंग, डिलीटिंग टेक्स्ट ।
- प्रीव्यूविंग डॉक्यूमेंट्स, प्रिंटिंगडॉक्यूमेंट फ्रॉम दि स्टेण्डर्ड टूलबार, प्रिंट डॉक्यूमेंट फ्रॉम दि स्टेण्डर्ड टूलबार, डॉक्यूमेंट को मीनू द्वारा प्रिंट करना, शिकिंग ए डॉक्यूमेंट इन ए फाइल पेज, पेजों को कम करना ।
- फॉरमेटिंग डॉक्यूमेंट्स: पैराग्राफ फारमेट, अलाइनिंग टेक्स्ट एंड पैराग्राफ, बार्डर एवं हेडर्स एवं फुटर्स, मल्टीपल कॉलम्स ।

#### UNIT – II: Introduction to Excel& Worksheet

- Worksheet basic.
- Creating worksheet, entering data into worksheet, heading information, data text, dates, alphanumeric, values, saving & quitting worksheet.
- Opening and moving around in an existing worksheet.
- Toolbars and Menus, keyboard shortcuts.
- Working with single and multiple workbook coping, renaming, moving, adding and deleting. coping entries and moving between workbooks.
- Working with formulas & cell referencing.
- Autosum.
- Coping formulas
- Absolute & Relative addressing.

## इकाई-2: एक्सेल एवं वर्कशीट का परिचय

- एक्सेल एंड वर्कशीट
- वर्कशीट का आधार, वर्कशीट बनाना, वर्कशीट में डाटा एंटर करना, हेडिंग इंफॉर्मेशन, डाटा टेक्स्ट डेट, अल्फा न्यूमेरिक, वेल्यूज, सेविंग और वर्कशीट छोड़ना।
- पहले बनी हुई वर्कशीट को खोलना तथा चलाना।
- टूलबार मीनू और कीबोर्ड के शॉर्टकट।
- एक एवं अनेक वर्कशीट पर काम करना, कॉपी, रिनेमिंग, मूविंग, एडिंग एंड डिलीटिंग, एन्टीज को कॉपी तथा विभिन्न वर्कशीट में ले जाना।
- फॉर्मूला एवं सेल रिफ्रेसिंग के साथ काम करना।
- ऑटो सम फॉर्मूला को कॉपी करना, एक्सल्यूट एंड रिलेटिव एड्रेसिंग।

## UNIT – III: INTRODUCTION TO POWER POINT

- Features and various versions.
- Creating presentation using Slide master and template in various colour scheme.
- Working with slides make new slide move, copy, delete, duplicate, lay outing of slide, zoom in or out of a slide.
- Editing and formatting text: Alignment, editing, inserting, deleting, selecting, formatting of text, find and replace text.

## इकाई-3: पॉवरपाइंट का परिचय-1

- फीचर्स एंड विभिन्न वर्जन्स
- प्रजेन्टेशन तैयार करना स्लाइड मास्टर एवं टेम्प्लेट इन वेरियस कलर स्कीम।
- पॉवरपाइंट के भिन्न व्यूस के साथ काम करना एवं पॉवरपाइंट के मेन्यू।
- स्लाइडस के साथ काम करना, नये स्लाइड तैयार करना एवं मूव करना, कॉपी करना, डिलीट करना, डुपलीकेट स्लाइड तैयार करना, ले-आउटिंग करना, जूम इन और आउट करना।
- एडिटिंग एवं फॉरमेटिंग टेक्स्ट: अलाइनमेंट, एडिटिंग, इनसर्टिंग, डिलीटिंग, सिलेक्टिंग, फॉरमेटिंग ऑफ टेक्स्ट, फाईन्ड एवं रिप्लेस टेक्स्ट।

## UNIT – IV: POWER POINT – II

- Bullets , footer, paragraph formatting, spell checking.
- Printing presentation Print slides, notes, handouts and outlines.
- Inserting objects Drawing and Inserting objects using Clip Arts picture and charts.
- Slide sorter, slide transition effect and animation effects.
- Presenting the show making stand alone presentation, Pack and go wizards.

## इकाई-4: पॉवरपाइंट का परिचय-2

- बुलेट्स, फुटर, पैराग्राफ फॉरमेटिंग, स्पेल चेकिंग।
- प्रिंटिंग प्रजेन्टेशन, प्रिंट स्लाइडस, नोट्स, हेण्डआउट एवं आउट लाईन्स।
- इंसर्टिंग आब्जेक्ट, ड्राइंग एवं इंसर्टिंग ऑब्जेक्टस क्लिपआर्ट पिक्चर्स एवं चार्टस का प्रयोग करना।
- स्लाइडस सोर्टर, स्लाइड ट्रांजिशन के प्रभाव एवं अन्य ऐनिमेशन प्रभाव।
- प्रजेटिंग शो मेकिंग स्टैंड अलोन प्रजेन्टेशन, पके एवं गोविजार्ड।

## **UNIT – V: INTRODUCTION OF INTERNET**

Evolution, Protocol, concept, Internet, Dial-up connectivity, leased line, VSAT, Broad band, URLs, Domain names, Portals. E-mail, Pop & web based Email. Basic of sending and receiving Emails, Email

& Internet Ethics, Computer virus, Antivirus software wage, Web Browsers.

### **इकाई-5: इंटरनेट का परिचय:**

इवोल्युशन, प्रोटोकॉल, विचारधारा, इंटरनेट, डायल अप कनेक्टिविटी, डीज्डलाइन, वीएसटी, ब्रोडबैंड, यू. आर. एल्स., डोमेननेम्स, पोसटल्स, ई-मेल, पॉप एवं वेब बेस्डई-मेल, बेसिक्स ऑफ सेडिंग एवं रिसीविंग इमेल्स, ई-मेल एवं इंटरनेट एथिक्स, कम्प्यूटर वायरस, एंटी वायरस सॉफ्टवेयर, वेब ब्राउसर।

### **PRACTICALS:**

#### **MS- Power Point:**

Creating new slide, formatting slide layout, slide show & sorter, Inserting new slide, slide no., date, time, chart, formatting slide, tool operation.

#### **List of suggested practical work:**

- Under standing of a dial up connection through modern.
- Configuring a computer for an e-mail and using outlook Express or Netscape Messenger.
- Registration an e-mail address.
- Understanding of e-mail drafting.
- Understanding of address book maintenance for e-mail.
- Understanding of different mail program tools.
- Send and receive functions of e-mail.

### **Course outcome:**

Student will be able to use computer system easily and they will get knowledge about how to use different type of operating system.

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## **Geography of Jharkhand**

Module I: Physiography and Relief, Drainage Pattern, Forest Resource and its Economic importance.

Module II: Agriculture: Irrigation- Types and distribution, Major crops- Food Crops; Population growth and distribution; Population composition- Sex, Age, Religion.

Module III: Resources: Natural resources- Soil, Water, Mineral resources; Coal and Uranium- Distribution & development; Conventional and Non-conventional energy resources; Major Hydel Power Projects- Thermal Power Plants. Industries: Location factors- Distribution of Iron and steel, cement.

Module IV: Educational development and structure of education in Jharkhand. House types of Munda villages in south Chhotanagpur. Transport: Roads and railways and development of tourism. Economy and habitats of Santhals, Oraons; Social, Economic and Environmental Problems of Jharkhand

. Books Recommended:

- Tiwari Ram Kumar, Jharkhand ka Bhugol, Rajesh Publication New Delhi.
- Sdyasuk Galina and P Sengupta, Economic Regionalisation of India, Census of India.
- Tiwari Ram Kumar, Jharkhand ki Rooprekha, Shivangan Publication Ranchi.
- Singh R. L., India: A Regional Geography, National Geographical Society of India. Singh, Jagdish, India - A Comprehensive & Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
- Spate O. H. K. and Learmonth A. T. A., India and Pakistan: A General and Regional Geography, Methuen.
- Tirtha, Ranjit, Geography of India, Rawat Publs., Jaipur & New Delhi.

## **Geography of India**

**Unit I:** India: Structure and Physiography, Drainage (Peninsular and Extra Peninsular), Climate and Climatic Regions. ; Indian Forests and their Economic importance.

**Unit II:** Agriculture systems in India, cropping patterns in India, divide India into agricultural regions (as per ICAR); Green revolution and its consequences. Industries: Cotton, Sugar, Transport: Surface, water & Air-Foreign Trade.

**Unit III:** Minerals: Distribution of Iron ore, Bauxite, Manganese, Power Resources- Coal, Petroleum, Wind Energy in India. Regions of Geography: Middle Ganga Plain, Lower Ganga Plain.

**Unit IV:** Major industries of India ;iron and steel , industrial region of India; Kolkata,Mumbai,Raurkela-Jaipur-Asansol, Chandernagore –Bangalore,

Books Recommended:

- Deshpande C. D., India: A Regional Interpretation, ICSSR, New Delhi.
- Johnson, B. L. C., ed., Geographical Dictionary of India, Vision Books, New Delhi. Mandal R. B. (ed.), Patterns of Regional Geography – An International Perspective, Vol. 3, Indian Perspective.
- Sanyal G. K. and P. Sengupta, Economic Regionalisation of India, Census of India.
- Sharma, T. C., India - Economic and Commercial Geography, Vikas Publ., New Delhi.
- Singh R. L., India: A Regional Geography, National Geographical Society of India. Singh, Jagdish, India - A Comprehensive & Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
- Chauhan, Birendra Singh, & Gautam, Alka, Bharatvarsha Ka Vistrit Bhugol, Rastogi Publications, Meerut

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## **Practical (Geography Hon's)**

**Practical Marks:-50**

Unit-I indian weather maps and symbols . 15Marks

Unit-II Project Work/Report on relevant topics pertaining to Climate Change and efforts to tackle it, preferably on any Major Climate Change Issue. 20Marks

Unit-III Toposheet or Topographical sheet. 15Marks

Practical books;

1. Critchfield J.H. :- “General Climatology” Prentice Hall India, New Delhi.
2. Singh Savindra :-“Physical Geography” Prayag Pustak bhawan, Allahabad
3. Dr. Mamoriya :-Unified Geography “ Shatiya bhawan Publication , Agra

**POLITICAL SCIENCE-III**  
**REPRESENTATIVE POLITICAL THINKERS-III**

**COURSE OBJECTIVES:-**

- To prepare our students with the Political thoughts of Ramayan and Mahabharat.
- They know the main political thought and political Ideology of different thinkers.

**Syllabus:**

- UNIT –I** Salient features of ancient Indian Political thought: Ramayan and Mahabharat, Political ideas of – Manu and Kautilya.
- UNIT –II** Political ideas of – Gandhi, Nehru, Ambedkar and Ram Manohar Lohiya.
- UNIT –III** Salient features of Greek Political thought, Plato and Aristotle, Salient features of Western Medieval Political thought.
- UNIT –IV** Political Ideas of – Machiavelli, Bentham, J.S.Mill and Rousseau.
- UNIT –V** Political Ideas of – Hegal, Green, Marks and Mao

**COURSE OUTCOMES:-**

- Students will be able for a better understanding about Political thought and our constitution. They should know about conflict.
- students will have a better understanding of different political philosophy and great thinkers a all time from different countries

**Text books**

- |   |                           |                      |
|---|---------------------------|----------------------|
| 1. Rajniti Vigyan ke sidhant Part -II<br>Publication Agra | B.L Fadia                 | Hindi Sahitya Bhawan |
| 2. Political Science                                      | Johri J.C & Rashmi Sharma | Sahitya Bhawan Agra  |

**References books**

- |  |               |                                |
|--|---------------|--------------------------------|
| 1. Revolutionary Politics<br>Unwin,                  | A. Ashcraft   | London, Allen and              |
| 2. Locke's Two Treatises of Government<br>Hyman      | A. Ashcraft   | London Unwin and               |
| 3. The Political Thought of Plato and Aristotle      | Sir E. Barker | New York, Dover Publications   |
| 4. The Social and Political Thought of K. Marx<br>E. | A. Avineri, , | New Delhi, S. Chand and Co.Sir |

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## **HISTORY –III- HISTORY OF INDIA FROM 1200 AD TO 1739 AD**

### **COURSE OBJECTIVE:**

- Student can get the knowledge of Sultanate period & Mughal period.
- To provide the knowledge about to understand agriculture and economy of Sultanate Period & Mughal Period.

### **Syllabus:**

#### **UNIT -I**

1. Survey of Sources of Medieval Indian History.
2. Foundation and consolidation of the Sultanate-Qutubuddin Aibak and Iltutmish.
3. Razia and Balban,
4. Alauddin Khilji. his conquests and reforms.
5. The Mongol invasion.

#### **UNIT -II**

1. Tughlaq Dynasty Mohammad bin Tughluq and Firoj Shah Tughlaq
2. Frangmentation of the Sultanate and the rise of provincial kingdoms. Vijayanagar and Bahmani kingdoms.
3. Timur's invasion and its impact.
4. Invasion of the Mughal's, Babur and Humayan and Shershah Suri .

#### **UNIT -III**

1. Consolidation and territorial expansion of Mughal empire- Akbar.
2. Mughal-Rajput relations- Maharan Pratap, Mughal-Gond.relations- Rani Durgavati.
3. Jahangir. Shahjahan. Mughal Sikh relations,
4. Rise of Marathas, Shivaji-: his conquests and administration.
5. Aurangzeb and the decline of Mughal empire,-Nadirshah's invasion and its impact.
6. Advent of Europeans .

#### **UNIT -IV**

(The Sultanate Period)

1. Socio-religious life during the Sultanate period- Bhakti and Sufi movements.
2. Economic life during Sultanate period, agriculture, industry and trade .1 Administrative system.

## UNIT -V

(The Mughal Period)

1. Mughal administration and institutions.
2. Mansabdari System.
4. Social and religious life, status of women,
5. Economic life, agriculture, trade and commerce,
6. Architecture.

## COURSE OUTCOMES

- Students should get ideas to trade and architect from it Student should get knowledge of Scioreligious knowledge.
- They should understand the economy and agriculture of mughal and

### Text Books –

- |  |                |                         |
|--|----------------|-------------------------|
| • मध्यकालीन भारत का इतिहास<br>अग्रवाल एन्ड कंपनी भोपाल | दुबे सत्यनरायण | शिवलाल                  |
| • मध्यकालीन भारत का इतिहास                             | जैन संजीव      | कैलाश पुस्तक सदन। भोपाल |
| • मध्यकालीन भारत का इतिहास                             | डॉ. मित्तल     | साहित्य प्रकाशन दिल्ली  |

### Referenc Books-

- |   |                                       |                                     |
|---|---------------------------------------|-------------------------------------|
| • मध्यकालीन भारत—<br>और अंग्रेजी)               | महाजन .वी.डी.                         | एस.चन्दपब्लिकेशन नई दिल्ली (हिन्दी) |
| • मध्यकालीन भारत का इतिहास<br>और अंग्रेजी) आगरा | मेहता जे. एल. –भाग–I, भाग–II, भाग–III | जवाहर पब्लिकेशन। (हिन्दी)           |

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## हिन्दी साहित्य .III अर्वाचीन हिन्दी काव्य

### पाठ्यक्रम के उद्देश्य:

1. जयशंकर प्रसाद, माखन लाल चतुर्वेदी, महादेवी वर्मा, सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' इत्यादि साहित्यकारों के साहित्य से परिचित करवाना।
2. आधुनिक युग की प्रवृत्तियों से परिचित करवाना।

### पाठ्यक्रम

इकाई एक- निर्धारित कवि: मैथिलीशरण गुप्त, जयशंकर प्रसाद, निराला, माखनलाल चतुर्वेदी, महादेवी वर्मा और अज्ञेय की निर्धारित रचनाओं की व्याख्या।

मैथिलीशरण गुप्त - .1 यशोधरा : सखि वे मुझसे कहकर जाते।  
.2 उर्मिला (साकेत से) दोनों ओर प्रेम पलता है :  
.3 पंचवटी

जयशंकर प्रसाद - .1 बीती विभावरी जागरी  
.2 आँसू का अंशकरूणा रहती थी..... शशि मुख-  
.3 अब जागो जीवन के प्रभात

सूर्यकान्त त्रिपाठी - निराला  
.1 जागो फिर एक बार  
.2 तोड़ती पत्थर  
अपने आलोक निखारो माँ .3

माखनलाल चतुर्वेदी - .1 कैदी और कोकिला  
.2 हिम किरीटिनी  
.3 निःशस्त्र सेनानी

महादेवी वर्मा - मैं नीर भरी दुख की बदली .1  
.2 बीन भी हूँ मैं तुम्हारी रागिनी भी हूँ  
.3 धीररजनी-धीरे उतर क्षितिज से आ वसंत-

स' .वा.ही.अज्ञेय - :'  
.1 कलगी बाजरे की  
.2 बावरा अहेरी  
.3 हरी घास पर क्षणभर-

इकाई -दो- मैथिलीशरण गुप्त, जयशंकर प्रसाद एवं निराला के निर्धारित अंशों की समीक्षा।

इकाई तीन- माखनलाल चतुर्वेदी, महादेवी वर्मा एवं अज्ञेय के निर्धारित अंशों की समीक्षा।

इकाई चार- आधुनिक युग की काव्य प्रवृत्तियाँ भारतेन्दु युग : ए द्विवेदी युग, राष्ट्रीय काव्यधारा, छायावाद और छायावादोत्तर हिन्दी काव्यप्रगतिवाद-ए प्रयोगवाद एवं नई कविता।

इकाई भारतेंदु हरिश्चन्द्र - पांच द्रुतपाठ-ए अयोध्यासिंह उपाध्याय 'हरिऔध' ए श्रीधर पाठक, रामनरेश त्रिपाठी, सुभद्रा कुमारी चौहान, भवानी प्रसाद मिश्र, रघु सहाय और दुष्यन्त कुमार।

## अपेक्षित परिणाम—:

1. विद्यार्थी अर्वाचीन काव्य को समझ सकेंगे।
2. विद्यार्थी को भारतेन्दु युग द्विवेदी युग तथा राष्ट्रीय काव्यधारा का ज्ञान प्राप्त होगा।
3. विद्यार्थी छायावादोत्तर हिन्दी काव्य ,प्रगतिवाद,प्रयोग वाद एवं नई कविता को समझने में सक्षम होंगे।

## Text Books-

- अर्वाचीन हिन्दी काव्य – बाजपेयी आभा मध्यप्रदेश हिन्दी ग्रंथ अकादमी भोपाल

## Refernce Books

- सात भूमिकाएं –महादेवी वर्मा सिंह दूधनाथ म.प्र. हिन्दी ग्रंथ अकादमी भोपाल
- निराला की साहित्य साधना वर्मा रामविलास म.प्र. हिन्दी ग्रंथ अकादमी भोपाल

## ENGLISH LITERATURE –III

### PAPER: DRAMA

#### COURSE OBJECTIVES:-

- Students will learn about drama and its Techniques.
- They will get to know about various authors and writers of drama.

#### Syllabus:

- UNIT I** Type of Drama; Tragedy, Comedy, Historical Play, One-Act Play. Type of Drama and types, Tragi- Comedy Expressionist Drama, Drama of Ideas, Poetic Drama, Closet Drama,
- UNIT II** William Shakespeare Macbeth, The Merchant of Venice.
- UNIT III** Oliver Goldsmith : She Stoops to Conquer Richard Brinsley Sheridan : The Rival
- UNIT IV** John Galsworthy : Loyalties G.B. Shaw : Saint Joan
- UNIT V** J.M. Synge : Riders to the Sea H.H. Munro : The Miracle Merchant

#### COURSE OUTCOMES:-

- Student will learn the Techniques of drama.
- Student will Study the dramas of dramatist of different ages

#### Text Books :

- A Complete Critical Analysis of Shakespearean Plays Clap. Larry Dominant  
Publishers & Distributor  
s, New Delhi

- Critical Shakespeare for College Students Vol. 1& 2 Publishers & N.Delhi Dey.Nilonjon Dominant Distributors,
- Shakespeare: The Basics University Press McEvoy Sean. Cambridge
- Modern drama in Theory and Practice Cambridge and Naturalism Realism University Press, J. L. Styan,. London

### Reference

- A Glossary of Literary Terms Abrams M.H.
- Anatomy of Drama New Boulton Marjorie Kalyani publishers, Delhi
- Shakespeare-His World and His Art K.R. Srinivasa Iyengar
- Shakespeare: The Basics, University Press McEvoy Sean Cambridge
- An Anthology of English Literature Academy M.P Hindi Granth
- The merchant of Venice Shakspears Penguin publication.
- She stoops to Conquer Godsmith Penglin Publication.

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## ECONOMICS III

### MACRO ECONOMICS AND MONEY & BANKING

#### COURSE OBJECTIVES:-

- To provide the knowledge about to understand Macro economics problem.
- To develop the conceptual frame work about National income, employment, investment and consumption function.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions
- .To develop the conceptual frame work about Monetary policies and its Instruments

#### Syllabus:

**UNIT -1 Introduction to Macro Economics-**Macro Variables, Stock and Flow, Circular Flow of income in closed and Open Economy. Concept of National Income. GDP, GNP. Measurement of National Income and Social Accounting in India.

**UNIT -2 Theory of Employment-** Classical Theory of Employment, Says Law of Market, Keynesian Theory of Employment. Aggregate Demand and Supply Functions, Effective Demand. Consumption Function, Average and Marginal Propensities to consume, Simple Investment and Govt. Expenditure, Multiplier and Leakages of Multiplier.

**UNIT -3 Various factors of macro economics-** Saving Function & Sources of Saving, Mobilization: Investment Function and (MEC) Marginal Efficiency of Capital, Factors Affecting, and Capital Formation, Concept of Accelerator. Introduction to theories of interest, Neo Classical Theory, Keynesian Theory of Liquidity Preference, Liquidity Trap.

**UNIT -4 Money-** Meaning, Functions and Classification, Stock of Money and its Measures- M1, M2, M3, M4, Quantity Theory of Money. Cash Transaction and Cash Balance Approaches. Inflation, Deflation and Recession. Definition, Causes and Effects on different Segments of

population and sectors of the Economy. Types: Demand Pull and Cost Push Inflation. Introduction to measures to control inflation, deflation and recession.

**UNIT -5 Bank-** Meaning and Types. Central Bank and its Function with Reference to R.B.I. Credit Control. Qualitative and Quantitative Methods. Objectives and Limitations of Monetary Policy. Functions of Commercial Bank. Meaning and Methods of Credit Creation. Recent reforms in Banking Sector, Role of Private Banking in India.

## **COURSE OUTCOMES :**

- Students will be able to Understand Macro economics problem.
- They develop the conceptual frame work about National income, employment, investment and consumption function.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- Students will be able for a better understanding about the conceptual frame work of Monetary policies and its Instruments

## **Text Books :**

- |  |                                       |                  |
|--|---------------------------------------|------------------|
| • अर्थशास्त्र<br>भवन पब्लिकेशन। आगरा             | सिन्हा वी.सी. तथा सिन्हा पुष्पा       | साहित्य          |
| • अर्थशास्त्र<br>भवन पब्लिकेशन। आगरा             | महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्रः | साहित्य          |
| • <b>MACRO ECONOMICS</b><br><b>NARAYAN DEHLI</b> | <b>SETH M.L</b>                       | <b>LAXMI</b>     |
| <b>ON.</b>                                       |                                       | <b>PUBLICATI</b> |

## **Reference Books**

- |  |                     |                                  |
|--|---------------------|----------------------------------|
| • <b>MACRO ECONOMIC THEORY</b><br><b>PUBLICATION DEHLI</b>     | <b>AHUJA H.L</b>    | <b>S. CHAND</b>                  |
| • <b>MACRO ECONOMICS</b><br><b>PUBLICATION DEHLI</b>           | <b>JHINGAN M.L.</b> | <b>VRINDA</b>                    |
| • <b>MACRO ECONOMICS</b><br><b>PUBLISHING</b><br><b>MUMANI</b> | <b>D.M. MITHANI</b> | <b>HIMALAYA</b><br><b>HOUSE.</b> |

- MONETARY ECONOMICS  
CO. DEHLI
- समष्टि अर्थशास्त्र  
आगरा
- समष्टि अर्थशास्त्र
- समष्टि अर्थशास्त्र

S.B GUPTA  
सेठ एम.एल.  
अहुजा एम.एल.  
झिंंगन एम.एल.

S CHAND AND  
लक्ष्मी नरायण पब्लिकेशन  
एस.चांद पब्लिकेशन। दिल्ली  
वृंदा पब्लिकेशन। दिल्ली

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## RURAL AND URBAN SOCIOLOGY

### COURSE OBJECTIVES:-

- Students can get the Knowledge of Rural society and causes of the migration of rural society.
- Students can able to know the Agrarian relations of India.
- Students can learn about urban Development, causes and effects of slums.

### Syllabus:

#### UNIT - I

1. Rural Sociology - Meaning and Definitions, Subject Matter, Scope.
2. Urban Sociology - Meaning and Definitions, Subject Matter, Scope.
3. Importance of Rural sociology and Urban Sociology.

#### UNIT - II

1. Migration - Meaning, Definitions and Characteristics, Migration to and from Rural Society cause and consequences.
2. Jajmani System in Rural India - Meaning Characteristics and Change.
3. Agrarian Relation in India.

#### UNIT - III

1. Rural Leadership - Meaning, Characteristics and Emerging Pattern.
2. Dominant Caste and Factionalism in Rural India.
3. Panchayati Raj Institution - Aims, Functions and Organization.

#### UNIT - IV

1. Urban Migration - Nature, Characteristics meaning, Scope Importance.
2. Issues Related with Urban Development - Settlement and slums.
3. Urban Local Administration.

#### UNIT - V

1. Urban Development - Market, Technology and Changes.
2. Changes in Urban Life - Dimension of Caste Class and Power.
3. Urban Study in India

## COURSE OUTCOMES -

- Students should be able to understand about rural society and causes migration, and Agrarian relation how can effect on human life. Students should know about urban Development and change of urban life.
- Student should be familer with Agrarian relation of India.
- Student can learn about the urban Development and causes and effects of slums.

### Text Books:

- |  |                                  |                     |
|--|----------------------------------|---------------------|
| • ग्रामीण एवं नगरीय समाजशास्त्र<br>पुस्तक सदन, भोपाल | बघेल डी.एस.                      | कैलाश               |
| • यूनिफाइड समाजशास्त्र<br>अग्रवाल एण्ड कम्पनी इन्दौर | मुकर्जी रवीन्द्रनाथ अग्रवाल ,भरत | शिवलाल              |
| • यूनिफाइड समाजशास्त्र                               | जी.के. अग्रवाल                   | साहित्य भवन आगरा।   |
| • यूनिफाइड समाजशास्त्र—<br>कम्पनी इन्दौर             | डॉ. ध्रुव दिक्षित                | शिवलाल अग्रवाल एण्ड |

### Refrenc Books:

- |                                      |                 |                        |
|--------------------------------------|-----------------|------------------------|
| • Rural Sociology in India<br>Bombay | Desai A.R.-     | Popular Prakashan,     |
| • Indian Village<br>Delhi.           | Dubey S.C.-,    | Allied Pablisher New   |
| • Urabn Socilogy in India<br>Delhi,  | Rao-M.S.A.      | Orient Logman New      |
| • समाजशास्त्र                        | टी.बी. वॉटोमोर. | भारतीय संस्करण मुम्बई. |

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## ENGLISH LANGUAGE AND SCIENTIFIC TEMPER

### COURSE OBJECTIVES:

- To Study the basic language skills (speaking, listening, reading, and writing) and grammar
- Comprehensive study of different kinds of letters and applications.
- To study the different kinds of prose and poetry

### Syllabus:

#### UNIT – I

1. Tina Morris : Tree
2. Nissim Ezekiel : Night of the Scorpion
3. C.P. Snow : Ramanujan
4. Roger Rosenblatt : The Power of WE
5. George Orwell : What is Science?
6. C.Rajagopalachari : Three Questions
7. Desmond Morris : A short extract from the Naked Ape
8. A.G. Gardiner : On the rule of the road

UNIT – II Comprehension of an unseen passage.

UNIT – III Letter Writing : Formal Letters, Informal letters, Applications.

UNIT – IV Report Writing.

UNIT – V Language Skills

Correction of common errors in sentence structure : usage of pronouns, subject/ verb agreement word order, gender; compound nouns, collective nouns, possessives, articles and prepositions. (advanced)

### COURSE OUTCOMES:

- Student will be able to understand correct use of grammar and language skills.
- Student will be familiar with different prose and poetry.
- Student should be able to write analytically in a variety of formats, including essays, report writing and application.

## **HUMAN VALUES AND ETHICS**

### **COURSE OBJECTIVES:**

- To help students understand the basic guidelines, content and process of Human value and value crisis in contemporary Indian Society
- To help students understand the meaning of happiness and prosperity for a human being.
- To help students reflect critically on gender violence .
- To facilitate the students to understand harmony at all the levels of human living, and live accordingly.

### **Syllabus:**

#### **UNIT – I: Concept of value and value crisis in contemporary Indian Society.**

1. Concept of value
2. Value crisis at- individual level
3. Value crisis at- Cultural level
4. Value crisis at- Societal level
5. The Indian concept of value.
6. Modern Approach to the study of Values.

#### **UNIT – II: Moral and Ethical Human values.**

1. Bases for Moral Judgment
2. Some Canons of Ethics
3. Ethics of Duty
4. Ethics of Responsibility
5. Factors to be considered in making Ethical Judgments.
6. Continuous Happiness and Prosperity- A look at basic Human Aspirations.

#### **UNIT – III: Moral Values in Profession.**

1. What is Profession?
2. Professional Ethos
3. Code of Professional Ethics
4. Corporate social Responsibility

#### **UNIT – IV: Gender sensitization.**

1. Socialization of Women
2. Demographic consequences

3. Domestic Violence
4. Women's work, its politics and economics , fact and fiction ,Unrecognized and unaccounted work.

**UNIT – V: Co- Curricular Activities and value Education.**

1. Games and sports
2. Literary and cultural Activities
3. NSS, NCC activates
4. A New Approach to Human Value Freedom, Creativity Love & Wisdom

**COURSE OUTCOMES:**

On completion of this course, the students will be able to:

1. Understand the significance of value inputs in a classroom and start applying them in their life and profession.
2. Understand the value of harmonious relationship based on trust and respect in their life and profession.
3. Students will develop a sense of appreciation of women in all walks of life .
4. Understand the role of a human being in ensuring harmony in society

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**COURSE CODE: 3HBGE404H**

## **GEOGRAPHY OF THREE NORTHERN CONTINENTS**

Unit I: North America: Relief of North America, Natural Vegetation, Population of North America, Cotton textile Industry and Iron- Steel Industry, Water route of great lakes and Panama route.

Unit II: Europe: Physiographic division of Europe, Climate, Demographic pattern of Europe, Industrial Development and Industrial Regions; Oceanic routes of Europe.

Unit III: Asia: Physiography, Soil, Distributional factors of population, Agriculture development; Geographical account of SAARC Nations.

Unit IV: Location of Iron and steel Industry in U.S.A and U.K, wheat belt of Columbia basin, Coal resources of Europe; Regional Study of United Kingdom, British Island, Japan and USA.

### **Books Recommended**

- : • Mamoriya, Chaturbhuji, Vishwa Ka Pradeshik Bhugol, Sahitya Bhawan Publications, Agra.
- Maurya, S. D., Asia Ka Kramwadha evam Pradeshik Bhugol, Pravalika

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## **GEOGRAPHY OF THREE SOUTHERN CONTINENTS**

Unit I: South America: Physiography, Agriculture and demographic set-up; Regional study of Brazil.

Unit II: Australia and New Zealand: General account of the physiography, Dairy farming and demographic set-up; Regional study of New Zealand.

Unit III: Africa: Physiography, Agriculture, grasslands (Savanna) and

IV: Geographical account of Argentina, South Africa, Zimbabwe; Social and cultural aspect of Bushman, Hotentot, Maori and Bora.

Books Recommended:

- Mamoria, Chaturbhuj, Vishwa Ka Pradeshik Bhugol, Sahitya Bhawan Publications, Agra.
- Bharadwaj, O. P., Three Southern Continents, Premier publishing Company, New Delhi.
- Yadav, G. P. and Ram, Suresh, Teen Dakshini Mahadweep, Kitab Ghar, Kanpur
- Singh, Jagdeesh, Rao, Baccha Prasad, and Singh Ram Bali, Teen Dakshini Mahadweep, Vasundhara Prakashan, Gorakhpur.

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**COURSE CODE: 3HBGE406H**

**Practical (Geography Hon's)**

Unit 1: Distribution map, Dot map, Choropleth map, Isopleth Map

Unit 2: Projection –Polar Zenithal; Equal Area, Conical Projection with two standard parallel.

Unit 3: Allotted area in Jharkhand region.

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## COMPARATIVE GOVT.AND POLITICS

### COURSE OBJECTIVES:-

- To prepare our students with the British, American & Swiss constitution.
- To provide a better understanding our students with the Republic of China.

### SYLLABUS:-

### THEY CAN COMPARE BETWEEN ALL COURTIER'S CONSTITUTIONS

**UNIT – I** Salient Features of British Constitution: Executive, Legislature, Judiciary and Political Parties.

**UNIT – II** Salient Features of American Constitution: Executive, Legislature Judiciary and Political Parties.

**UNIT– III** Salient Features of Swiss Constitution: Executive, Legislature Judiciary and **Federal** Tribunal, Direct Democracy.

**UNIT–IV** Salient Features of the Constitution of People's Republic of China:Executive, Legislature,Judiciary and Communist Party.

**UNIT – V Comparative** Study of the Constitutions of Britain, USA, Switzerland and China: Federal System of USA & Switzerland, Constitutional Amendments n USA and Switzerland, Second Chamber-House of Lords and Senate, Party System in the USA, UK and China.

### COURSE OUTCOMES:-

- Students will be able for a better understanding about the different constitution and able to compare them.
- Students will be able to understand about legislature judiciary and ruling system of different countries.

## HISITROY -IV

### COURSE OBJECTIVES:-

- Students can get the knowledge of French Republic.
- Students can get Knowledge of Young Turk movement. World war –I and Russian Revolution.
- They can know about League of Nations and Rise of Fascism.

### Syllabus:

#### UNIT -I

1. Third French Republic
2. Internal and foreign policy of Bismarck.
3. Foreign policy of Kaiser William II.
4. Scramble for Africa.

#### UNIT -II

1. Eastern Question (from 1871).
2. Berlin Congress (1878).
3. Young Turk Movement and the Balkan wars (1912-14).
4. World War I- Causes, events and aftermath.
5. Russian Revolutions of 1905 and 1917.

#### UNIT -III

1. Wilson's fourteen points.
2. Paris Peace conference.
3. League of Nations.
4. Rise of Fascism, internal and foreign policy of Mussolini
5. Nazism-internal and foreign policy of Hitler.

#### UNIT -IV

1. Imperialism and colonialism in China and Japan. Demands for concessions in China.
2. Japan, the Meiji Restoration, Modernization of Japan, Rise of Militarism.
3. Sino-Japanese war (1894), Russo-Japanese war (1905).
4. Boxer movement, Chinese Revolution-1911, Second Sino-Japanese War.

#### UNIT -V

1. World politics from 1919 to 1949, Causes, events and effects of the World war II.
2. Second World war- Causes, events and effects.

## **COURSE OUTCOMES:**

- Students should learn internal foreign policy.
- They should be able to learn to get knowledge of republic.
- Student get knowledge about the World war-I They can read Sino – Japanese war and Russo- Japanese war.

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## ENGLISH LITERATURE-IV

### COURSE OBJECTIVE:-

- Students can get Knowledge of fiction and aspects of novel.
- They will learn about different type of writers.

### Syllabus:

<b>UNIT I</b>	Forms of Fiction Short Story. Aspects of the Novel	:	Nature of Narratives, Historical, Psychological, Plot, Characters, Points of View
<b>UNIT II</b>	John Bunyan Jane Austen	:	The Pilgrim's Progress Emma
<b>UNIT III</b>	Charles Dickens Thomas Hardy	:	A Tale of Two Cities The Mayor of Casterbridge
<b>UNIT IV</b>	George Orwell Virginia Woolf	:	Animal Farm A Room of One's Own
<b>UNIT V</b>	W.S. Mugham Isaac Asimov	:	An Essay on Red The Martian Way (Only the title story)

### COURSE OUTCOMES:-

- Students will be able to identify the various forms of fiction writing.
- They will understand the construction of the plot and get the view point of different writers.

## हिन्दी साहित्य-IV

### हिन्दी भाषा साहित्य का इतिहास और काव्यांग विवेचना

#### पाठ्यक्रम के उद्देश्य:

- इस विषय को पढ़ने के बाद विद्यार्थी विभिन्न प्रकार की भाषाओं जैसे राजभाषा,बोलचाल की भाषा आदि जान पाएंगे।
- तत्सम और तद्भव शब्दों का अंतर जान पाएंगे।
- नाटक व गद्य साहित्य को जानेगें।
- विभिन्न प्रकार के रसों ,की जानकारी ,अलंकार,दोहा ,सोरठा आदि का ज्ञान प्राप्त करेगें।

#### पाठ्यक्रम:

इकाई –एक हिन्दी	हिन्दी भाषा की उत्पत्ति, हिन्दी की मूलाकार भाषाएँ, विभिन्न भाषाओं का विकास। भाषा के विविध रूप-बोलचाल की भाषा, राष्ट्र भाषा, राज भाषा, सम्पर्क भाषा।
इकाई –दो विदेशी के	तत्सम और तद्भव का अंतर, हिन्दी का शब्द स्रोत - तत्सम, तद्भव, देशज एवं शब्दावली। तत्सम, तद्भव, देशज एवं विदेशी शब्दावली का वाक्यों में प्रयोग। हिन्दी व्याकरणाचार्य-कामता प्रसाद गुरु एवं किशोरी दास वाजपेयी का भाषिक अवदान।
इकाई –तीन (भक्तिकाल)	हिन्दी साहित्य का इतिहास लेखन एवं काल विभाजन: आदिकाल, पूर्व मध्यकाल उत्तर मध्यकाल (रीतिकाल) की प्रवृत्तियां।
इकाई –चार गद्य	आधुनिक हिन्दी गद्य साहित्य का विकास: - भारतेन्दु युग, द्विवेदी युग, छायावाद युगीन नाटक एवं साहित्य, छायावादोत्तर युगीन नाटक एवं गद्य साहित्य।
इकाई –पांच और रूपक,	काव्यांग विवेचन - रस और उसके भेद प्रमुख छन्द- दोहा, सोरठा, चैपाई, रोला हरिगीतिका। प्रमुख अलंकार - अनुप्रास, यमक, श्लेष, वक्रोक्ति, पुनरुक्ति प्रकाश, उपमा, उत्प्रेक्षा, भ्रान्तिमान और सन्देह।

#### अपेक्षित परिणाम

1. विद्यार्थी हिन्दी के विभिन्न रूपों उसके इतिहास , लेखन और काल विभाजन से परिचित हो सकेंगे।
2. छन्दों ,अलंकारों ,दोहों ,सोरठों इत्यादि को समझ कर भाषा में प्रयोगकर सकेंगे
3. तत्सम ,तद्भव देशज,विदेशी शब्दावली में कुशलता प्राप्त कर सकेंगे।

## ECONOMICS -IV

### COURSE OBJECTIVES:-

- To develop the conceptual frame work about public economic policies and annual budgeting
- To provide the knowledge about to understand difference sources of government income and expenditure..
- To make the student to understand the theoretical aspects related to international trade and other international organization to enable the students to know the importance of the international trade.
- To provide the knowledge about to understand tariff, dumping and its impact on our economy.

### Syllabus:

- UNIT -1 Public Finance and Public Economics-** Meaning, Nature and Scope. Meaning and Nature of Public, Private and Merits Goods, Market and State. Role and Functions. Principle of Maximum Social Advantage. Sources of Revenue. Taxes, Loans, Grants and Aid . Meaning and Types, Canons of Taxation.
- UNIT -2 Public Expenditure-** Principles of Public Expenditure, Principles of Public Debt and Methods of Redemption; Wagener's Law, Increasing Activities. Effects of Public Expenditure on Production and Distribution. Public Finance in India, Sources of Revenue of Central & State Govt., Concept and Types of Budget, Fiscal Deficit, Deficit Financing and Deficit Budget.
- UNIT -3 International Economics-** Meaning and Importance of International Economics, Intra and International Trade, Importance of International Trade in Economic Development, Theories of International Trade, Absolute and Comparative Advantage, Factor Endowments: Heckscher . Ohlin.
- UNIT -4 Terms of Trade-** Concept and Types, Tariff and Non-Tariff Barriers in International Trade. W.T.O . Objectives and its Functions. Balance of Trade . Concept and Types, Compositions and Structure of B.O.T and its Relationship with Balance of Payment, Methods of Corrections of Imbalance of Payment, International Capital Movement.
- UNIT -5 Foreign trade and Exchange Rate-** Trends and Directions of India's Foreign trade, Exchange Rate. Theories of Exchange Rate, Mint Par parity Theory, Purchasing Power Parity Theory.

## **COURSE OUTCOMES:-**

- Students will be able to understand economic policies and annual budgeting
- Students will be able to understand different sources of government income and expenditure..
- They know about the theoretical aspects related to international trade and other international organizations to enable the students to know the importance of international trade.
- Students will be able to understand about tariff, dumping and its impact on our economy.

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## **SOCIOLOGY -IV**

### **SOCIOLOGY OF TRIBAL SOCIETY**

#### **COURSE OBJECTIVE:-**

- Students can get the knowledge of Indian Tribes their economy, problems and Agricultural policy.
- To provide knowledge of about kinship family and marriage.
- To provide knowledge of Tribes of M.P.

#### **Syllabus:**

##### **UNIT – I**

1. Schedule Tribe - Meaning, Characteristics, Demographic Profile, Tribal Area and Tribal Women.
2. Indian Tribes - Geographical Distribution, Language, Classification, Isolation, Assimilation and Integration.
3. Status of Tribal Women - Position, Participation in Panchayati Raj System Rights and Social Security.

##### **UNIT – II**

1. Socio Cultural Introduction - Family, Marriage, Leadership & Cultural Diversities.
2. Kinship, Religion, Belief and Behaviour, Totem .
3. Future of Indian Tribal Society.

##### **UNIT – III**

1. Tribal Economy and Poverty - Life Style, New Agricultural Policy, Land Reform, Indebtedness.
2. Social Mobility and Change - Sanskritization, Acculturation and Urbanization.
3. Impact of Globalization on Tribal Society.

##### **UNIT – IV**

1. Tribal Problems - Land Alienation, Peasant Exploitation, Illiteracy, Unemployment
2. Tribal Revolution - Meaning, Characteristic Cause and Result.
3. Scenario After Independence - Political, Social Participation, and Economic Development

##### **UNIT – V**

1. Tribals -Scenario in Madhya Pradesh.
2. Life style of Gond, Bhil, Korku, Bhariya and Mariya and Baiga Tribes.

#### **COURSE OUTCOMES:-**

- Students should be able to understand tribal Indian tribes, economy and policy of Agriculture social problem.
- Students will be able to understand systematic way of marriage and Kinship.
- Students will be able aware of Tribes in Madhya Pradesh.

**COURSE CODE: 3HBGE505H**

## **HUMAN GEOGRAPHY**

Unit-I Meaning, nature and scope of human geography; Concepts of human geography; Man environment relationships; determinism, possibilism and probabilmism, and environmentalism.

Unit-II Evolution of man; Classification of races; Characteristics of races and their broad distribution; Human adaptation to environment: Eskimo, Masai and Bushman.

Unit-III Primitive people of Jharkhand: Santal, Oraon and Birhor.

Unit-IV Growth of population; Distribution of population; major human agglomerations Types of Migration; Trends of Urbanization.

Unit-V Rural settlements: characteristics, types and regional pattern; Urban settlement: evolution and classification; rural houses in India; types, classification and regional pattern.

Reference Books:

1. HUMAN GEOGRAPHY- Dr. Masid Hussain
2. Human Geography- Suresh Chandra Bansa

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## **POLITICAL GEOGRAPHY**

UNIT – I : Nature, scope, subject matter and recent development in political geography, approaches to study; major schools of thought.

UNIT – II : Geographic Elements and State: Physical Elements; Human elements; Economic elements; Political Geography and environment interface.

UNIT – III : Themes in Political Geography; State, Nation, Nation-State and Nation-building, Frontiers and boundaries, Colonialism, decolonization, Neocolonialism, federalism and other forms of governance. Changing patterns of World Powers Perspectives on core-periphery concept, Conflicts and cooperation.

UNIT – IV : Geopolitical significance of Indian Ocean: Political geography of any one of the following regions: SAARC Region, SouthEast Asia, West Asia, East Asia, European Union. Political geography of contemporary India with special reference to: The changing political map of India, Unity and diversity: centripetal & centrifugal forces; stability & instability' Interstate issues (like water disputes & riparian claims) and conflict resolutions insurgency in border states; Emergence of New States; Federal India: Unity in Diversity. Note : The region may also be selected from the regions not referred to above, depending on the expertise available

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## **ECONOMIC GEOGRAPHY**

Unit I: Meaning and approaches to economic Geography; Main concepts of economic Geography; Resource: concept and classification; Resource conservation.

Unit II: Natural resources: soil, forest and water; Mineral resources: iron ore and bauxite; Power resources: coal and petroleum; Principal crops: wheat, rice and cotton.

Unit III: Agricultural regions of the world (Derwent Whittlesey); Theory of agricultural location (Von Thunen); Theory of industrial location (Weber); Major industries: iron and steel, and cotton textiles.

Unit IV: World transportation: major trans-continental railways, and sea routes; WTO and International trade: patterns and trends; Major trade blocs: EEC, ASEAN; Effect of globalization on developing countries.

Books Recommended:

- Singh, Satnam, Aarthik Bhugol, University Prakashan, New Delhi.
- Singh, Kashi Nath, and Sing, Jagdish, Aarthik Bhugol Ke Mool Tatva, Gyanoday Prakasa
- Maurya, S. D., Sansadhan Bhugol, Pryag Pustak Bhawan, Allahabad.
- Gautam, Alka, and Kaushik, S. D., Sansadhan Bhugol, Rastogi Publications, Meerut.
- Alexander J. W., Economic Geography, Prentice-Hall Inc., Englewood Cliffs, New Jersey
- Coe N. M., Kelly P. F. and Yeung H. W., Economic Geography: A Contemporary Introduction, Wiley-Blackwell.
- Hodder B. W. and Lee Roger, Economic Geography, Taylor and Francis.
- Combes P., Mayer T. and Thisse J. F., Economic Geography: The Integration of Regions and Nations, Princeton University Press.
- Wheeler J. O., Economic Geography, Wiley

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## **BIOGEOGRAPHY**

Unit I: Definition, scope & importance of Bio- Geography, Relation with other sciences, Development of Bio Geography- views of different Geographers; Hydrological cycle.

Unit II: Ecology and Ecosystem; Energy Flow in Ecosystem: Ecological factors of the land and their effect on plants animals; Bio-geo-chemical cycles.

Module III: Concept of Biomes, Ecotone and Community; Forests Biomes, Grassland Biomes, Desert Biomes; National Parks and Sanctuaries in India and Jharkhand.

Module IV: Climate as determinant of Bio- Resources; Biodiversity-degradation and Sustainable conservation;soil formation, factors of soil formation.

Books Recommended:

- Bhattacharyya, N. N., Biogeography, Rajesh Publications, New Delhi
- Garg, H. S., Jaiv Bhugol, SBPD Publications, Agra.
- Anderson, Ecology for Environmental Science.
- Chapman, J.L. and Reiss, M.J., Ecology Principles and Applications, Cambridge University Press, Cambridge.
- Joy, T. et al, Human Impact on The Ecosystem, Oliver and Boyd, London.
- Kendeigh, S.C., Ecology with Special Reference to Man and animals, Prentice Hall, New York.
- Simmons, I.G., Bio-geographical Processes, George Allen and Unwin, London.

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## **GEOGRAPHY OF TRAVEL AND TOURISM**

**(04 Credits, 60 Lectures)**

**FM: 75 (60+15)**

Module I: Nature and Scope: Definition and Nature; Scope and Extent; Concept of tourism, Factors affecting tourism development- Physical & Cultural.

Module II: Classification of tourists: (A) Nationality- International, Domestic. (B) Time of Travel- Long haul, short haul, holiday tourists, day trippers

Accommodation Types- 1) Hotels, Motels, Inn, Saraies, Dharmashalas. 2) Govt. Accommodation, Tourist homes. 3) Youth Hostels, Cottages, Tents, Caravans. 4) Rail Yatri Bhavan, House Boats 5) Private accommodations and unrecognized accommodations.

Unit III: Role of Transportation in Tourism: Mode of Transportation- Air, Rail, Road and Water Ways. Agencies and Guides:

1) World Organizations, National Organisations

2) Private Agencies National, International

3) Role of guides in tourism.

4) Licensing and recognition of guides.

5) Training Programme for Guides. Impact of Tourism: 1) Economic impact 2) Physical and Environmental impacts 3) Sociocultural impacts.

Unit IV: Development and Planning: (A) Levels of Planning-International level planning, National level planning, Regional and Local planning. (B) Tourism Planning in India- a). Development of tourism in India and Jharkhand b). Tourism policies of India and Jharkhand. Evaluation of Potentials and Tourism: Potentials and Tourism Assessment of region's ability to attract tourists- a) Physical factors b) Cultural factors c) Social factors d) Economic factors e) Political factors. Case studies of Major Tourist Centers of Jharkhand (at least four major tourist centre's).

Books Recommended:

- Dhar, P.N., International Tourism: Emerging Challenges and Future Prospects. Kanishka, New Delhi.
- Hall, M. and Stephen, P., Geography of Tourism and Recreation – Environment, Place and Space, Routledge, London.
- Kamra, K. K. and Chand, M., Basics of Tourism: Theory, Operation and Practise, Kanishka Publishers, Pune.
- Singh Jagbir, “Eco-Tourism”, I.K. International Pvt. Ltd. S25, Green Park Extension, Uphaar Cinema Market, New Delhi, India.
- Prasad, Kamla, Tourism in Jharkhand, Rajesh Publications, New Delhi

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**PRACTICAL PAPER**

1. Instrumental Survey-i Plain Table Survey-Radiation and Intersection.
2. Population Projection of Jharkhand, Ring Diagram for Urban Population, Cube Diagram.
3. Gall's Projection- Mercator's world Map.
4. Allotted area in Jharkhand region.

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## **POPULATION GEOGRAPHY**

UNIT I: Nature and scope of Population Geography; Sources and types of population data: census, sample survey (NSS) and vital registration system.

UNIT II: World Population: growth, causes and consequences; Factors affecting population distribution; Migration: types and determinants; Urbanization: trends and pattern.

Module III: Population dynamics: fertility and mortality, age and sex structure; Occupational structure; Malthusian Theory and Demographic Transition Theory; Human Resource Development: indicators and patterns.

Module IV: INDIA- Population growth; Distribution of population; Density types; Population problems; Population Policy.

Books Recommended:

- Maurya, S. D., Population Geography, Prawalika Publication, Allahabad.
- Chandana, R. C., Jansankhya Bhugol, Kalyani Publishers, New Delhi.
- Tripathi, R. D., Jansankhya Bhugol, Vasundhara Prakashan, Gorakhpur.
- Sahoo, H. (ed.) Population Issues, Rawat Publication, New Delhi.
- Tiwari, Ram Kumar, Jansankhya Bhugol, Prawalika Publication, Allahabad.
- Unisa, S., Population Health and Environment, Rawat Publication, New Delhi

## **AGRICULTURAL GEOGRAPHY**

UNIT I: Meaning and scope of Agricultural Geography; Approaches to Agricultural Geography; Physical, cultural and institutional factors affecting AGRICULTURAL GEOGRAPHY agriculture.

UNIT II: Crop concentration and crop diversification; Delineation of crop combination regions; Agricultural regions of the world; Detailed study of subsistence, plantation, commercial and mixed farming.

UNIT III: Agricultural land-use and carrying capacity; Land use pattern with special reference to India; Measures of agricultural efficiency and agricultural productivity.

UNIT IV: Agro-climatic regions of India, Green Revolution in India; Second generation reforms in Indian agriculture: Land and institutional reforms; Organic and contract farming; Agricultural planning and policies in India.

Books Recommended:

- Sharma, B. L. & Bharadwaj, Pallak, Krishi Bhugol, Rastogi Publication, Meerut.
- Husain, Majid, Agricultural Geography, Rawat Publications, Delhi.
- Tiwari, Ramchandra, & Singh, Brahmanand, Krishi Bhugol, Pravalika Publications, Allahabad.
- Basu, D.N., and Guha, G.S., Agro-Climatic Regional Planning in India, Vol. I & II, Concept Publication, New Delhi.
- Bryant, C.R., Johnston, T.R, Agriculture in the City Countryside, Belhaven Press, London. • Mohammad, N., New Dimension in Agriculture Geography, Vol. I to VIII, Concept Pub., NewDelhi. • Shafi, M., Agricultural Geography, Doring Kindersley India Pvt. Ltd., New Delh.i • Singh, J., and Dhillon, S. S., Agricultural Geography, Tata McGraw Hill, New

## **SETTLEMENT GEOGRAPHY**

Unit 1: Nature and Scope of settlement Geography, Spatial distribution of settlement: Pattern and types of Rural settlements; Theoretical models; Gravitational model).

Unit 2: Settlements structure: Morphological structure of cities, Concentric zone theory of Burgess. Functional classification of urban centers. City region and rural-urban fringe.

Unit 3: Functional typology of villages; Social, Economic, Cultural factors influencing the dynamics of settlement .Rural settlement hierarchy. Measurement of centrality and hierarchy. Defining Development: Inter-Dependence of Urban and Rural Sectors of the Economy; Need for Rural Development

Unit 4: Issues, Perspectives and policies on population and human settlements. Interface between human settlements and environment. slums, green belts, garden cities.

Books Recommended:

- Bose A., India's Urbanization 1947-2000, Tata Mcgraw Hill, New Delhi.
- Chisholm, M., Rural Settlements and Landuse, Hutchinson, London.
- Clout, R. D., Rural Geography, Pergamon Press, London.
- Dickenson, R. E., City, Region and Regionalism, Kegan Paul Trench Trubner & Co. London

## **DISASTER MANAGEMENT**

(04 Credits, 60 Lectures) FM: 75 (60+15)

UNIT I: Disasters: Definition and Concepts: Hazards, Disasters; Risk and Vulnerability; Classification.

UNIT II: Disaster in India: (a) Flood: Causes, Impact, Distribution and Mapping; Landslide: Causes, Impact, Distribution and Mapping; Drought: Causes, Impact, Distribution and Mapping.

UNIT III: Disaster in India: (b) Earthquake and Tsunami: Causes, Impact, Distribution and Mapping; Cyclone: Causes, Impact, Distribution and Mapping; Manmade disasters: Causes, Impact, Distribution and Mapping.

UNIT IV: Response and Mitigation to Disasters: Mitigation and Preparedness, NDMA and NIDM; Indigenous Knowledge and Community-Based Disaster Management; Do's and Don'ts during disasters.

Books Recommended:

- Kapur, A., *Vulnerable India: A Geographical Study of Disasters*, Sage Publication, New Delhi.
- Modh, S., *Managing Natural Disaster: Hydrological, Marine and Geological Disasters*, Macmillan, Delhi.
- Singh, R.B., *Risk Assessment and Vulnerability Analysis*, IGNOU, New Delhi. Chapter 1, 2 and 3
- Singh, R. B. (ed.), *Natural Hazards and Disaster Management: Vulnerability and Mitigation*, Rawat Publications, New Delhi.
- Singh, Savindra, *Aapda Prabandan*, Pravalika Publications, Allahabad

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## **APPLIED GEOGRAPHY**

Module I: Meaning, nature and scope of Applied Geography; Contents of Applied Geography; Definition and Characteristics of Global cities; Importance of applied Geography.

Module II: Issues related to variation in Physical Geography; Variation in land quality affecting agricultural productivity; Environment management of Deforested and Urban areas

Module III: Environmental Degradation; Environmental Disaster and Environment Management; Issues related to Human Resources; Carrying capacity of earth-Type of Resources and it's affecting factors.

Module IV: Spatial inequality: Causes and Consequences; Environment and Sustainable development with special focus on Man-Environment relationship, Landslides with special reference to Utrakhand.

Books Recommended:

- Hails, John R., Applied Geomorphology.
- Morgan, R.P.C. Soil erosion and conservation.
- Cooke, R. U. and Doornkamp, J. C., Geomorphology in Environmental Management: A New Introduction, Oxford University Press, New York, 2nd Edition.
- Sinha, B. N., Verma, R. S. & Paul, D. K., Landslides in Darjeeling district (W.B.) and Adjacent Areas, Bul. G.S.I. B (36)1-45.
- Singh, Savindra, Aapda Prabandhan, Pravalika Publication, Allahabad

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**Practical - I**

1. Verbal General Intelligence Test of Joshi.
2. Verbal General intelligence test of Ram Naresh.
3. Emotional Maturity Scale by R.R. Tripathi.
4. Differential Personality Scale of Arun Kumar Singh

**Reading**

**List:**

Sulaiman, M (2012). Manovigyan Mein Prayog aur Parikshan. Patna: Motilal

Banarisidas.

Singh, A.K(2013). Manovigyan Mein Prayog aur Parikshan. Patna: Motilal Banarisidas.