

DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, Dec-2021"

SET B

*[Signature]*

SEMESTER	III/ V	DATE OF EXAM	02/12/21
SUBJECT NAME	Education in Contemporary India	SUBJECT CODE	EDH 214-T
BRANCH	NA Education	SESSION	Morning
TIME	9.00 am-12.00 pm	MAX. MARKS	80
PROGRAM	B.Ed./ BA.B.Ed./ B.Sc. B.Ed.	CREDITS	3
NAME OF FACULTY	Ms. Ridhi Khanna/ Dr. Savita Sharma	NAME OF COURSE COORDINATOR	Ms. Ridhi Khanna

*Note: PART A- Attempt any one question out of two (10 marks each)*  
*PART B- Attempt any one question out of two (10 marks each)*  
*PART C- Attempt any three question out of four (10 marks each)*  
*PART D- Attempt any three question out of four (10 marks each)*

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	Q.1 Critically examine different basis of social stratification prevalent in Indian society with the help of real life examples.	10	CO1	BT4	
	Q.2 'Fundamental Rights come along with Fundamental Duties'. Justify the statement in light of the key provisions contained in Indian Constitution.	10	CO2	BT5	
PART-B	Q.3 Explain in detail, the specific recommendations of National Policy of Education 2020 for bringing improvement in School Education System.	10	CO3	BT4	
	Q.4 Reflect upon the key recommendation given by any one commission of Pre-Independence Era.	10	CO3	BT5	

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Q.5	Compare and analyze the role played by CBSE and ICSE with reference to the School Education System in India.	10	CO4	BT4
Q.6	Present a comparative study on different types of schools existing in India focusing on central characteristics of each of the type.	10	CO4	BT4
Q.7	Describe the objectives and functions of SCERT in Indian Education.	10	CO4	BT4
Q.8	Analyze the recent trends in the area of distance and open education with technological advancement.	10	CO4	BT4
Q.9	'Modernization and Privatization in Education go hand in hand' Explain with suitable examples to justify your stand.	10	CO5	BT4
Q.10	Reflect upon the role of teacher in creating an Inclusive School and Equitable Society in modern India.	10	CO5	BT5
Q.11	Elaborate upon the objectives and functions of RMSA in Education.	5+5	CO4	BT4
Q.12	'Status of Women represents true face of Society'. Support your answer citing the role of KGBV in this context.	10	CO4	BT4

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Raj  
26/11/2021

DEPARTMENT OF EDUCATION AND HUMANITIES						
ODD SEMESTER (JULY-DEC-2021)						
QUESTION PAPER STRUCTURE (QPS)						
FACULTY NAME: Dr. Kiran Gupta		COURSE COORDINATOR: Dr. Kiran Gupta				
COURSE NAME: School Organization and Management		COURSE CODE: EDS 227	CREDITS: 2	MAX. MARKS: 40	TIME DURATION: 1.5 Hours	DATE OF EXAM: 09/11/2021
PROGRAM: B.Ed		4/13/2021	SEMESTER: III	Session - I		
Q.NO.	QUESTIONS			MARKS	CO ADDRESS ID	BEHAVIOUR LEVEL
NOTE	Part A - All questions in Part A are compulsory. Each question carries 2 marks. Write your answer in at least 30 words. Attempt any four Questions in Part B. Each question carries 8 Marks.					
PART - A	1(A)	Give the meaning of the term "School" and outline its any two significant functions.			2	CO2 BT2
	1(B)	Differentiate between Organizational Culture and School Climate.			2	CO2 BT2
	1(C)	As a teacher, which two principles will you keep in mind while making your class time table and why? Interpret.			2	CO3 BT3
	1(D)	Define School Budget. List different sources of revenue that support the school budget.			2	CO3 BT1,
PART - B	Q2	Name and elucidate each step involved in its process of School Administration.			8	CO1 BT4
	Q3	Differentiate between "Professional Ethics" and "Code of Conduct" Examine the Code of Ethics for Teachers for Students and for their colleagues.			8	CO2 BT5
	Q4	"The Cumulative Record gives a complete and growing picture of the individual student" Discuss.			8	CO3 BT6
	Q5	Institutional Planning is based on the principle of optimum utilization of the resources available in the school and the community." - M.B.Buch. Interpret the statement by giving the concept, objectives and scope of the Institutional planning.			8	CO3 BT5
	Q6	Highlight the key skills which 21st century teachers must be equipped with to do justice to their profession.			8	CO3 BT2
	Q7	Co-Curricular activities play an important role in the holistic development students in a school' Defend the statement.			8	CO2 BT6
	Q7					

## QUESTION PAPER STRUCTURE (QPS)

FACULTY NAME: Dr. Kiran Gupta and Dr. Ritu Sharma

COURSE COORDINATOR: Dr. Kiran Gupta

COURSE NAME: Knowledge and Curriculum

COURSE CODE: EDH 216-1

CREDIT: 4

MAX. MARKS: 80

TIME DURATION: 3 Hours

DATE OF EXAM: 6/12/2021

PROGRAM: B.ED. / Integrated BA, B.ED. / Integrated BSC, U.D.

SEMESTER: III (For all Programmes)

Series: I

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
NOTE	Part A - All questions are compulsory. Each question carries 2 marks. Part B - Attempt any four Questions. Each question carries 5 Marks. Part C - Attempt any four Questions. Each question carries 10 Marks.				
1(A)	"Curriculum is the heart of Education". Explain briefly	2	CO 1	BT2	
1(B)	What do you mean by Core Curriculum? List the subjects which are generally form Core curriculum.	2	CO 3	BT1	
1(C)	Outline four key group activities which facilitate development of social values in young children.	2	CO 3	BT2	
1(D)	List down four strategies to make classroom an Inclusive classroom.	2	CO 3	BT1	
1(E)	Explain any two ideas in context of Core curriculum that can be helpful in addressing Environmental concerns.	2	CO 3	BT6	
1(F)	Evaluate the role of evaluation for effective Curriculum development? Explain briefly.	2	CO 4	BT5	
1(G)	Distinguish between "Curriculum Framework" and "Curriculum Transaction"	2	CO 4	BT1	
1(H)	How is Curriculum broader and comprehensive concept than Syllabus?	2	CO 4	BT2	

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P A R T - B	1(I)	Interpret two key points of role of text books in Curriculum Development in a progressive society.	2	CO 2	BT3	
	1(J)	Infer the role of CBSE in Curriculum Development. list only 2 significant points.	2	CO 5	BT2	
	Q2	Illustrate any two kinds of knowledge with the help of suitable examples.	5	CO 1	BT4	
	Q3	Summarise Tagore's contribution to Education with regard to "Methods of Teaching".	5	CO 2	BT5	
	Q4	Illustrate with relevant examples "Appeal to Senses" and "Appeal to Experience" methods of the acquisition of knowledge.	5	CO 1	BT4	
	Q5	Justify the role of education in Transmitting, Preserving and Maintaining culture.	5	CO 3	BT5	
	Q6	Describe as to how does society have direct effect on different methods of teaching?	5	CO 3	BT2	
P A R T - C	Q7	Interpret the influence of moderisation on Aims of Education and Role of Teacher.	5	CO 3	BT5	
	Q8	How is Curriculum a significant tool to address critical issues like 'Gender Equality' ? Justify	10	CO 3	BT5	
	Q9	Development. Analyze any two of them, which according to you, are the best. Reason out with relevant examples.	4+6	CO 4	BT1 + BT4	
	Q10	design curriculum of one subject of your school. Which five key principles will you keep in mind while designing the curriculum?	4+6	CO 4	BT3	
	Q11	continuous process? Explain different steps involved in the process of Curriculum development.	3+7	CO 4	BT3 + BT4	
	Q12	Evaluate the recommendations for 'School And Classroom' and 'Systematic Reforms' given in NCF-2005.	2+4 +4	CO 5	BT1 + BT6	
	Q13	Development. How does the role of SCERT in Curriculum Development differ from that of NCERT? Discuss.	7+3	CO 5	BT4 + BT5	

DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, Dec-2021"

SEMESTER	III/ VII	DATE OF EXAM	08.12.2021
SUBJECT NAME	School Leadership and Management	SUBJECT CODE	EDS 236
BRANCH	Education and Humanities	SESSION	I
TIME	09.00AM-10:30 AM	MAX. MARKS	40
PROGRAM	B.Ed/ B.Sc.B.Ed/B.A.B.Ed	CREDITS	2
NAME OF FACULTY	Ms Ridhi Khanna	NAME OF COURSE COORDINATOR	Ms Ridhi Khanna

Note: Attempt all questions from PART A,B,C and D

Q.NO.	QUESTIONS	MARKS	CO ADDRESS ED	BLOOM'S LEVEL	PI
PART-A					
Q1	"Management is doing things right and Leadership is doing right things." Conclude a differentiation between management and leadership.	5	CO1	BT3	
Q2	Explain different Leadership and Management Theories	5	CO1	BT2	
PART-B					
Q3	" Without strong visionary leadership, no strategy will be executed effectively". Comment on it. Distinguish between transactional leadership and transformational leadership	2+3	CO2, CO3	BT4	
Q4	Explain Golesman 's 6 leadership styles?	5	CO4	BT2	
PART-C					
Q5	Elaborate on different method of Training	5	CO4	BT3	
Q6	Explain the selection process in HRM	5	CO5	BT2	
PART-D					
Q7	Every day bring a choice: to practice stress or to practice peace". Reflect on statement and list out strategies to manage stress.	5	CO6	BT5	
Q8	Comment on, " Conflict is the beginning of Conciousness". Explain the different Conflict management Style?	2+3	CO4, CO6	BT4	

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DEPARTMENT OF EDUCATION AND HUMANITIES

ODD SEMESTER (JUL-DEC-2021)

T3 QUESTION PAPER STRUCTURE (QPS)

FACULTY NAME: Dr Ritu Sharma

NAME OF COURSE COORDINATOR: Dr Ritu Sharma

COURSE NAME:  
Guidance and  
Counselling

COURSE CODE:  
EDS221

CREDIT:  
2

MAX. MARKS: 40

DURATION:  
1 Hour 30  
minutes

DATE:  
8.12.2021

PROGRAM: B Ed

SEMESTER: III

Session I

Q.NO.	QUESTIONS: Attempt two questions from each section.	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
P A R T - A	1(A) Outline the differences between guidance and counselling	5	CO1	BT2	
	1(B) Define educational counselling. What is the importance of the same for secondary school students?	5	CO2	BT5	
	1(C) What are the different types of counselling? Which one is the best according to you?	5	CO4	BT6	
P A R T - B	Q2(A) Highlight the importance of counselling skills.	5	CO4	BT2	
	2(B) Evaluate the qualities that a teacher must have to be a good counsellor.	5	CO2	BT3	
	Q2(C) Define student portfolio. Examine the relevance of the same in counselling.	5	CO1	BT4	
P A R T - C	Q3(A) Outline the features of humanistic approach of counselling.	5	CO6	BT4	
	Q3(B) Discuss the ways in which counselling can be provided to students facing emotional problems.	5	CO4	BT5	
	Q3(C) It is more difficult to counsel students who are gifted than the differently abled. Do you agree? Justify	5	CO3	BT6	
P A R T - D	Q4(A) Assess the role of testing tools for counselling in helping students with learning issues?	5	CO5	BT5	
	Q4(B) Examine how parents can collaborate with teachers in counselling students.	5	CO3	BT3	
	Q4(C) Highlight the role of psychologist in the counselling process.	5	CO2	BT3	

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DEPARTMENT OF EDUCATION AND HUMANITIES

ODD SEMESTER (JULY-DEC-2021)

QUESTION PAPER STRUCTURE (QPS)

*RmeS*

FACULTY NAME: Dr. Kiran Gupta and Dr. Ritu Sharma

COURSE COORDINATOR: Dr. Kiran Gupta and Dr. Ritu Sharma

COURSE: Knowledge and Curriculum

CODE: EDH216-T

CREDIT: 4

MAX. MARKS: 80

DURATION: 3 Hours

Date: 10/12/2021

PROGRAM: B.ED./Integrated BA, B.Ed./ Integrated BSc.B.Ed.

SEMESTER: III (For all Programmes)

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
NOTE	Part A - All questions in Part A are compulsory. Each question carries 2 marks. Part B - Attempt any four Questions in Part B. Each question carries 5 Marks. Part C- Attempt any four Questions in Part C. Each question carries 10 Marks.				
PART-A	1(A) Define the term "Curriculum" with suitable examples.	2	CO1	BT1	
	1(B) Differentiate between Core Curriculum and Hidden Curriculum with the help of relevant examples.	2	CO3	BT2	
	1(C) Outline any two strategies to inculcate values in students through curriculum.	2	CO3	BT2	
	1(D) List down four strategies to bring Gender Sensitization in the Classroom.	2	CO3	BT1	
	1(E) Explain any two ideas in context of Core curriculum that can be helpful in addressing concern of Inclusion of CWSN.(Children with special needs)	2	CO3	BT6	
	1(F) Why is evaluation important for effective Curriculum development? Explain briefly.	2	CO4	BT2	
	1(G) State the meaning of Curriculum transaction.	2	CO4	BT1	
	1(H) How is Curriculum broader and comprehensive concept than Syllabus?	2	CO3	BT2	
	1(I) Highlight two key points of role of text books in curriculum transaction.	2	CO3	BT3	
	1(J) Infer the role of SCERT in Curriculum Development.list only 2 significant points.	2	CO5	BT2	
PART-B	Q2 Illustrate any two kinds of knowledge with the help of suitable examples.	5	CO1	BT4	
	Q3 Justify how the concept of Basic Education given by Mahatma Gandhi aimed to bring equality amongst people?	5	CO2	BT5	



PART-C	Q4	'Knowledge can be acquired through different methods' Bring out the truth of this statement by elaborating on any two methods of the acquisition of knowledge.	5	CO1	BT4	
	Q5	How does culture of any nation influence its education? Discuss.	5	CO3	BT5	
	Q6	Describe as to how does society have direct effect on the aims of education?	5	CO4	BT2	
	Q7	Interpret the features of Secular education.	5	CO4	BT2	
	Q8	How is Curriculum a significant tool to address critical issues like 'Environmental Problems' ? Justify	10	CO5	BT5	
	Q9	List different Approaches of Curriculum Development. Analyze any two of them, which according to you, are the best. Reason out with relevant examples.	4+6	CO4	BT1 + BT4	
	Q10	You are Mr. Mutthuswamy and you have been asked to design curriculum of one subject of your school. Which five key principles will you keep in mind while designing the curriculum?	4+6	CO4	BT1 + BT3	
	Q11	Why is Curriculum development known as a continuous process? Explain different steps involved in the process of Curriculum development.	3+7	CO4	BT3 + BT4	
	Q12	What is National Curriculum Framework? Evaluate the recommendations for 'Curricular Areas' and 'Learning and Knowledge' given in NCF-2005.	2+4+4	CO5	BT1 + BT6	
	Q13	Reflect on the role of NCERT in the Curriculum Development. How does the role of SCERT in Curriculum Development differ from that of NCERT? Discuss.	7+3	CO5	BT4 + BT5	
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25/11/2021

DEPARTMENT OF EDUCATION AND HUMANITIES						
EVEN SEMESTER						
QUESTION PAPER STRUCTURE (QPS)						
FACULTY NAME: Ms. Reshma Bhowan			NAME OF COURSE COORDINATOR: Ms. Reshma Bhowan			
COURSE NAME: Gender, School and Society		COURSE CODE: EDS 207	CREDIT: 2	MAX. MARKS: 40	TIME DURATION: 1.5 hr	DATE: 10/2/21
PROGRAM: BEd / BAUEd / BSc BEd			SEMESTER: 3rd		EXAMINATION: T3	
Q.NO.	QUESTIONS			MARKS	CO ADDRESSED	BLOOM'S LEVEL
P A R T - A	1	Compare the ways in which a Patriarchal Society is different from a Matriarchal Society.			5 C01	L2
	2	Identify the landmarks in social reform from Vedic period to 21st century			5 C01	L4
P A R T - B	3	Explain the Cognitive development theory of gender socialization. OR What is the role of school as an Agency of Gender Socialization?			5 C02	L5
	4	Delineate important features of POCSO. OR Analyze the relationship between Gender and Disability			5 C02	L5
P A R T - C	5	Explain the role of curriculum and Textbooks in reinforcing Gender Equality? OR Explain the role of media in reinforcing Gender Equality?			5 C03	L5
	6	Throw light on Gender Bias observed in enrollments? OR What is the value accorded to women's education?			5 C03	L2
P A R T - D	7	Analyze the role of Family in bringing about Gender Parity			5 C04	L4
	8	Identify the trends in indicators of the Millennium Development Goal related to Gender OR Delineate schemes/programmes launched by the Government of India to bring about Gender Parity.			5 C04	L4



DEPARTMENT OF EDUCATION & HUMANITIES

"T3 Examination, Dec-2021"

*Rachna*

SEMESTER	III	DATE OF EXAM	02/12/2021
SUBJECT NAME	Intervention and Teaching Strategies	SUBJECT CODE	EDH240-T
BRANCH	Education	SESSION	1
TIME	09.00-12.00	MAX. MARKS	80
PROGRAM	B. Ed. Special Education	CREDITS	4
NAME OF FACULTY	Chandra Prakash Singh	NAME OF COURSE COORDINATOR	Chandra Prakash Singh

*Note: Part A: All questions are compulsory. Questions will be of short answer type. Each question will be of 2 marks.*

*Part B: All questions are compulsory. Questions will be of short answer type. Each question will be of 2 marks.*

*Part C: Attempt any three questions. Questions will be of descriptive type. Each question will be of 10 marks.*

*Part D: Attempt any three questions. Questions will be of descriptive type. Each question will be of 10 marks.*

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Discuss the scope of educational intervention for children with SLD.	2	CO1	L2	
	1(B) How Diagnostic Prescriptive Teaching facilitates the holistic development of CWSN?	2	CO1	L3	
	1(C) Explain the importance of Gap Analysis in curriculum planning.	2	CO1	L2	
	1(D) Write the steps of Educational Intervention.	2	CO1	L1	
	1(E) Discuss the role of Parents in the development of intervention program.	2	CO1	L2	
PART-B	2(A) Enlist the activities for improving attention span.	2	CO2	L1	
	2(B) Explain memory and its types.	2	CO2	L2	

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	2(C)	What do you understand by the term Visual Closure?	2	C02	L1	
	2(D)	Highlight the significance of Creative Thinking.	2	C02	L2	
	2(E)	How KWL technique is related with metacognition?	2	C02	L3	
P A R T- C	3(A)	A student from grade 6 <sup>th</sup> often commits spelling mistakes while writing. Discuss the Probable causes associated with this condition in detail and also suggest learning activities to overcome the problem.	10	C03	L4	
	3(B)	Being a special educator you observed that while dictation, a child often substitutes the words having similar sound. Design an intervention plan with appropriate example.	10	C03	L6	
	3(C)	During the error analysis you observed that a student often commits number reversal in math's notebook. Discuss the Perceptual problems associated with this condition in detail and also suggest learning activities to overcome the problem.	10	C04	L4	
	3(D)	Being a special educator you observed that a student face difficulty in solving Word Problems in mathematics. Design an intervention plan with appropriate example.	10	C04	L6	
P A R T- D	4(A)	Critically evaluate the significance of self-advocacy skills.	10	C05	L5	
	4(B)	Enlist the Life skills given by WHO, how these life skills contribute in the successful adult independent living?	10	C05	L3	
	4(C)	A child faces difficulty in understanding and expressing gestures during communication. Identify the problem and design an intervention plan with appropriate example.	10	C06	L6	
	4(D)	Leisure and Recreation skills facilitate the holistic development of the child. Justify this statement	10	C06	L5	
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DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, Dec-2021"

SEMESTER	III	DATE OF EXAM	04.12.2021
SUBJECT NAME	PSYCHO-SOCIAL AND FAMILY ISSUES	SUBJECT CODE	EDS244
BRANCH	EDUCATION & HUMANITIES	SESSION	I
TIME	09.00AM - 10.30AM	MAX. MARKS	40
PROGRAM	B.Ed. Special Education	CREDITS	02
NAME OF FACULTY	Mr. Sharv Datt Anand	NAME OF COURSE COORDINATOR	Mr. Sharv Datt Anand

Note: Part A: All questions are compulsory. Each question will be 2 Marks.

Part B: Attempt any 2 out of 3 each question will be 5 marks.

Part C: Attempt any 2 out of 3 each question will be 5 marks.

Part D: Attempt any 1 question is of 10 marks.

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1 Explain the psychosocial domains with reference to a CWLD?	02	CO1	BT2	
	2 Discuss the Psycho-social characteristics of a CWLD giving appropriate examples?	02	CO1	BT2	
	3 Signify the need of family counselling for a CWLD?	02	CO2	BT2	
	4 What do you understand by family structure mention its functioning?	02	CO2	BT1	
	5 Review manifestations of psychosocial behavior at home?	02	CO2	BT2	
PART-B	6 Define Self-Advocacy? Examine the ways in which you as a special educator will ensure self-Advocacy.	05	CO3	BT4	
	7 Examine the concept of Self-Help Groups giving examples?	05	CO3	BT4	
	8 Analyze the concept of Legal provisions? Which provisions will be good for CWSNs	05	CO4	BT4	

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<b>PART-C</b>	<b>9</b>	Examine the concept of social skill training? Create a plan for enhancing social skill training.	5	CO5	BT5	
	<b>10</b>	Evaluate the concept of Parent Associations. Prepare a list of criteria's you would consider for parent associations?	5	CO5	BT6	
	<b>11</b>	Critically Evaluate Resource management? How would you plan management of resources?	5	CO5	BT5	
	<b>12</b>	Examine the concept of social-emotional wellbeing? Construct a plan for a CWLD and his/her family.	5	CO5	BT6	
<b>PART-D</b>	<b>13</b>	Do you think for successful inclusion family support is important? Evaluate the importance of empowering parents for a CWLD.	10	CO5	BT5	
	<b>14</b>	Keeping in Consideration, the process of inclusion in mind create a Strategic plan for developing a positive self-concept	10	CO6	BT6	

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DEPARTMENT OF EDUCATION & HUMANITIES

"T3 Examination, Dec-2021"

*Dr. J.*

SEMESTER	III	DATE OF EXAM	06/12/2021
SUBJECT NAME	Technology and Disability	SUBJECT CODE	EDH241-T
BRANCH	Education	SESSION	I
TIME	09.00-12.00	MAX. MARKS	80
PROGRAM	B. Ed. Special Education	CREDITS	4
NAME OF FACULTY	Sharv Datt Anand	NAME OF COURSE COORDINATOR	Sharv Datt Anand

*Note: Part A: All questions are compulsory. Questions will be of short answer type. Each question will be of 2 marks.*

*Part B: All questions are compulsory. Questions will be of short answer type. Each question will be of 2 marks.*

*Part C: Attempt any three questions. Questions will be of descriptive type. Each question will be of 10 marks.*

*Part D: Attempt any three questions. Questions will be of descriptive type. Each question will be of 10 marks.*

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Discuss the significance of educational technology for children with special needs.	2	CO1	L2	
	1(B) How technology integration is different from use of technology in curriculum?	2	CO1	L3	
	1(C) Explain the term Assistive Technology with appropriate example.	2	CO1	L2	
	1(D) Discuss the assistive devices used for facilitating communication.	2	CO1	L1	
	1(E) Why Intraocular lenses aren't considered as assistive device?	2	CO1	L3	
PART-B	2(A) Enlist the activities for improving visual presentation.	2	CO2	L1	
	2(B) Define podcast and its role in teaching learning process.	2	CO2	L2	

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	2(C)	What do you understand by the term Cognitive Graphic Organizer?	2	C02	L1	
	2(D)	Highlight the parameters for selection of assistive devices for CWSN.	2	C02	L2	
	2(E)	Discuss the concept of learning style in the light of various assistive technology	2	C02	L3	
P A R T- C	3(A)	A student from grade 7 <sup>th</sup> often commits calculation mistakes. Discuss the Probable causes associated with this condition in detail and also suggest the assistive devices regarding the same.	10	C03	L4	
	3(B)	Being a special educator you observed that the child face difficulty in organizing skills. Design an intervention plan with the use of appropriate assistive devices.	10	C03	L6	
	3(C)	Assistive technology can be integrated in the curriculum to achieve the Principles of UDL. Justify this statement with appropriate examples.	10	C05	L4	
	3(D)	A child faces difficulty in developing the pre-writing skills. Design an intervention plan using various assistive devices to overcome the problem.	10	C04	L6	
P A R T- D	4(A)	Critically evaluate the significance of Educational Technology in the light of isolation to inclusion.	10	C05	L5	
	4(B)	Enlist the Cyber Safety Skills, how these skills life are related with children with disabilities?	10	C03	L3	
	4(C)	Digital natives are different from digital immigrants. Justify this statement.	10	C05	L4	
	4(D)	Evaluate the impact of technology in the light of social, ethical and human values.	10	C06	L5	
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**DEPARTMENT OF EDUCATION & HUMANITIES**

"T3 Examination, December -2021"

*R. Hazarika*

SEMESTER	Third Semester	DATE OF EXAM	2.12.2021
SUBJECT	History: Ancient	SUBJECT CODE	EDH-206-T
NAME	Western Civilization		
BRANCH	Education	SESSION	Morning ( 9A.M-12P.M)
TIME	3 Hour	MAX. MARKS	80
PROGRAM	Education	CREDITS	4
NAME OF	Nibedita Hazarika	NAME OF	Nibedita Hazarika
FACULTY		COURSE	
		COORDINATOR	

**Note:** Part A: All questions are compulsory. Questions will be of short answer type (2 Marks).

Part B: Questions will be of descriptive type. Each question will be of (5 Marks). Attempt any four questions.

Part C: Questions will be of descriptive type. Each question will be of (10 Marks). Attempt any four questions.

Q.NO.	QUESTIONS	MARKS	CO ADDRESS ED	BLOOM'S LEVEL	PI
<b>PART-A</b>	1(A) Who were patricians? How they managed to dominate plebeians in Roman Society?	2	CO2	BT2	
	1(B) Define Comitia Centuriata. What was its significance to the Roman polity?	2	CO2	BT1	
	1(C) Write a note on the Zigurat architecture of Mesopotamia	2	CO1	BT1	
	1(D) Who were the Gladiators? What was their significance in the Roman empire?	2	CO2	BT2	

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	1(E)	Write a note on Mesopotamian's contribution to irrigation system.	2	CO1	BT1	
	1(F)	Throw light on the major difference between Roman and Greek architecture	2	CO2	BT4	
	1(G)	Analyze the development of science and technology of Mesopotamian civilization	2	CO1	BT4	
	1(H)	Describe the religious beliefs of ancient Mesopotamia?	2	CO1	BT2	
	1(I)	Throw light on the writing pattern of Indus Valley Civilization.	2	CO4	BT 2	
	1(J)	Who was Na-mer? How is he significant in Egyptian history?	2	CO3		
<b>PART-B</b>	Q2	Describe the Harappan seals? What light do they throw on the religious beliefs of the Harappan valley Civilization?	5	CO4		
	Q3	Extensive use of slave labour in various sectors of production was one of the unique features of Greek history .What were the main features of the institution of slavery in ancient Greece?	5	CO2	BT2	
	Q4	Enumerate the development of art and architecture of Mesopotamian civilization	5	CO1	BT2	
	Q5	Write short notes on : a. Ziggurat b. Hammurabi's Code	5	CO1	BT1	
	Q6	What insights do we gain from the 'pyramids on the culture and belief of ancient Egyptians' Write a short note.	5	CO3	BT2	
		*****				



**PART-C**

Q7	Write short notes on: a. Mummification b. Pyramids	10	CO3	BT1	
Q8	Discuss the main features in the realm of society, religion and state in the case of Egyptian Civilization	10	Co3	BT2	
Q9	Evaluate the social and economic conditions of the people in the Indus Valley Civilization?	10	CO4	BT2	
Q10	How do you explain the factors responsible for the decline of the Egyptian Civilization	10	CO3	BT2	
Q11	The Indus Valley Civilization is known for its town planning and settlement pattern. Elaborate on it.	10	Co4	BT2	

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**END**

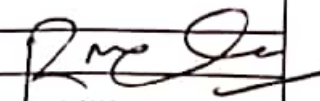
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# FACULTY OF EDUCATION AND HUMANITIES

## ODD SEMESTER (JUL - DEC 2021)

### T3 QUESTION PAPER STRUCTURE (QPS)



FACULTY NAME : PROF. (DR.) SARLA DUHAN		NAME OF COURSE COORDINATOR : PROF. (DR.) SARLA DUHAN			
COURSE NAME : ROMANTICISM AND THE VICTORIAN PERIOD	COURSE CODE : EDH211-7	CREDIT : 04	MAX MARKS : 80	TIME DURATION : 3 HOURS	DATE OF EXAM : 4/12/2021
PROGRAM : B.A. B.Ed		SEMESTER : III		Session - I	

NOTE : PART A is compulsory

Attempt any two out of three questions from PART B

Attempt any four out of five questions from PART C

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PT3
PART A	1 (A) Why does Mr. Knightley get angry at Emma, when Harriet turns Mr. Martin down?	2	CO2	BT2	
	1 (B) Who is Jane Fairfax in the novel, "Emma"?	2	CO2	BT2	
	1 (C) Name the author of the novel, "Emma" and write the names of three other popular novels written by her.	2	CO2	BT2	
	1 (D) Why does Emma feel that Mr. Robert Martin is not good enough to marry Harriet?	2	CO2	BT3	
	1 (E) Why does Mr. Knightley despise Frank Churchill?	2	CO2	BT2	
	1 (F) How many series of lectures by Thomas Carlyle have been included In "Heroes and Hero- worship"	2	CO2	BT1	
	1 (G) What Defines a hero according to Carlyle?	2	CO2	BT2	
	1 (H) Why does Carlyle place the hero as divinity first in his sequence, rather than begin with, the hero as prophet or king?	2	CO2	BT3	
	1 (I) Why is the heroic vision also religious?	2	CO2	BT3	
	1(J) Which Classes of heroes have been discussed by Carlyle in "Heroes and Hero- Worship"?	2	CO2	BT1	
PART B	2 Write in your own words the central Theme of the poem, "The World is Too Much with Us"	10	CO2	BT3	
	3 Examine "Hard Times" as a denunciation of Utilitarianism Theory	10	CO2	BT3	
	4 Write a note on the main characteristics of Victorian Age Poetry	10	CO2	BT2	
PART C	5 "Despite her manifest faults, most readers will agree in liking Emma Woodhouse very much indeed", Discuss	10	CO2	BT4	
	6 Write a note on two main Themes of the novel, "Emma"	10	CO2	BT3	
	7 Compare and contrast the characters of Mr. Knightley and Frank Churchill	10	CO2	BT3	
	8 Write the summary of the essay, " Hero as Divinity," by Thomas Carlyle in your own words	10	CO2	BT2	
	9 Write a note on the Central theme of the essay, " Hero as Divinity".	10	CO2	BT4	



DEPARTMENT OF EDUCATION & HUMANITIES

"T3 Examination, December -2021"

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SEMESTER	3rd Semester	DATE OF EXAM	09.12.2021
SUBJECT NAME	Indian History (1757 – 1857 A.D.)	SUBJECT CODE	EDH-210-T
BRANCH	Education	SESSION	Morning (9AM-12PM)
TIME	3 Hour	MAX. MARKS	80
PROGRAM	B.A. B.Ed	CREDITS	4
NAME OF FACULTY	Saurabh Kumar Singh	NAME OF COORDINATOR	Ms. Nibedita Hazarika

*Note: Part A: All questions are compulsory. Questions will be of short answer type (2 Marks).*

*Part B: Questions will be of descriptive type. Each question will be of (10 Marks). Attempt any two questions.*

*Part C: Questions will be of descriptive type. Each question will be of (20 Marks). Attempt any two questions.*

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1 Write about the important provisions of the Rayotwari system in colonial India.	2	CO1	BT 1	
	2 How the dual government system worked in Bengal, explain?	2	CO1	BT2	
	3 Why the battle of Buxar is considered a turning point in Indian history?	2	CO1	BT 1	
	4 Elaborate the reasons behind second Anglo-Maratha war?	2	CO2	BT	

	5	How the Izaredari system worked in India, explain?	2	CO 2	BT 2	
	6	How Maharaja Ranjeet Singh consolidated the Sikh empire?	2	CO2	BT 2	
	7	The regulating act of 1773 was the effort of British crown to control the activities of company in India, argue.	2	CO1	BT 2	
	8	What is permanent settlement act? Describe its main provisions.	2	CO1	BT 1	
	9	William Bentink introduced an era of reforms in colonial India, what were the reforms introduced by him?	2	CO1	BT 2	
	10	How the Mahalwari system were different from Zamindari system? Explain	2	CO1	BT 3	
B	Q11	How the writings of R.C. Mazumdar's writings helped shaping the approach of looking at Indian history, elaborate.	10	C01	BT 3	
	Q12	Carnatic wars were last attempt of the French to hold their control in Indian territories, in which they failed badly, argue.	10	CO2	BT 3	
	Q13	The disintegration of Mughal Empire in India accelerated because of the expansionist policies of East India Company; do you agree?	10	CO3	BT 3	

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<b>Q14</b>	The expansion railway and other means of communications like postal services and telegram helped in the spread of Nationalist ideas throughout India, elaborate	<b>20</b>	<b>CO3</b>	<b>BT 3</b>	
<b>Q15</b>	The land revenue system introduced by colonial rule did not help in improving the state of agrarian crisis in India, find the reasons of this failure.	<b>20</b>	<b>CO3</b>	<b>BT 3</b>	
<b>Q16</b>	The Anglo-Maratha conflict and successive battles proved to be fatal for the destiny of India, and it led to the colonization of India for the next two centuries, explain.	<b>20</b>	<b>CO3</b>	<b>BT 3</b>	
<p>***** <b>END</b> *****</p>					

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DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, DEC-2021"

*Raj*

SEMESTER	III	DATE OF EXAM	13/12/2021
SUBJECT NAME	Historical and Cultural Background of Politics	SUBJECT CODE	EDH 213-T
BRANCH	B.A.B.Ed	SESSION	I
TIME	9:00 am -12:00 noon	MAX. MARKS	80
PROGRAM	B.A.B.Ed	CREDITS	4
NAME OF FACULTY	R K SANAYAIMA SINGH	NAME OF COURSE COORDINATOR	R K SANAYAIMA SINGH

Note: All questions are mandatory

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Political parties have become a major part of the politics of almost every country, as modern party organizations developed and spread around the world over the last few centuries. <i>Define Political Party in your own understanding?</i>	2	CO2	BT 1	
	1(B) In many cases, constitutional Government is used interchangeably with "constitutionally limited government" or "limited government". <i>Reflect your opinion on what is limited government?</i>	2	CO3	BT 3	
	1(C) Classify in short Pressure Group?	2	CO5	BT 3	
	1(D) The study of comparative Politics is a significant part of the study of politics. <i>Reflect your understanding of Comparative politics?</i>	2	CO3	BT 3	
	1(E) Briefly examine the 73 <sup>rd</sup> Amendment act of the Indian constitution?	2	CO5	BT 2	
	1(F) Examine the importance of Historical Study of	2	CO4	BT 2	

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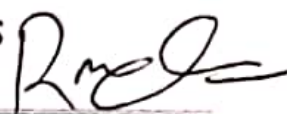
	Politics/Comparative politics?				
1(G)	Identify any two <b>religious communities</b> notified as minority communities in India?	2	CO6	BT 1	
1(H)	Summarise <b>Interest group</b> in your understanding?	2	CO5	BT 2	
1(I)	There are so many political parties around us which all seem to be working on the political issues from the outside. So, in general, we label them as political parties. But there are differences among these parties based on their various features. The areas of their activities focusing on the subject matters, where they operate significantly make one distinctive from another. Thus, comes the two terms "Regional Party" and "National Party". <b>Name any two National Party in India?</b>	2	CO3	BT 2	
1(J)	Identify any two Interest groups in India?	2	CO5	BT 2	
Q2	In regard to the relationship between democracy and political parties. The prevalent view is that political parties have a vital role to play in democratic consolidation. Illustrate the roles of political party in the overall function of democracy?	10	CO3	BT 3	
Q3	Inclusive growth demands that all social groups have equal access to the services provided by the State and equal opportunity for upward economic and social mobility. It is also necessary to ensure that there is no discrimination against any section of our society. In India, certain social groups such as the SCs, STs, OBCs and Minorities have historically been disadvantaged and vulnerable. Then there are certain other groups which may be discriminated against and which suffer from handicaps. These include persons with disabilities, older persons, street children, beggars and victims of substance abuse. Our Constitution contains	10	CO6	BT 4	

	various provisions for the development of such marginalized groups. In light of the given statement Assess constitutional provisions/measures set down for the general welfare of Schedule Tribes (STs) and Schedule Castes (SCs)?			
Q4	The success of democracy depends on the decentralization of power. Through this system of local self-government, people can obtain their democratic rights. Through this system, power can be properly decentralized and every individual can get the scope to develop his or her personality fully and properly. Based on the given assertion, Discuss in length the working of Local self government in India?	10	CO5	BT 3
Q5	Evaluate the Role and function of National Commission for Minorities in ensuring the social justice for Minorities?	10	CO6	BT 5
Q6	The National Commission for Women (NCW) is the statutory body of the Government of India, generally concerned with advising the government on all policy matters affecting women. It was established on 31 January 1992. Analyse the main functions of the National Commission for Women (NCW)?	10	CO6	BT 4
Q7	Justify your opinion on why there is a need for constitutional provisions/measures to safeguard the backward and marginalized sections of the Indian society?	10	CO6	BT 5

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**DEPARTMENT OF EDUCATION AND HUMANITIES**
*"T3 Examination, Dec-2021"*


SEMESTER	3	DATE OF EXAM	20.12.2021
SUBJECT NAME	Theory and Application of Macroeconomics-I (SETB)	SUBJECT CODE	EDH212
BRANCH	EDUCATION & HUMANITIES	SESSION	I
TIME	09.00AM-12.00 NOON	MAX. MARKS	80
PROGRAM	B.A. B.Ed.	CREDITS	04
NAME OF FACULTY	Ms. Kriti Dagar	NAME OF COURSE COORDINATOR	Ms. Kriti Dagar

**Note:** Part A: All questions are compulsory. Each question will be 2 Marks.

Part B: Attempt any 2 out of 3 each question will be 5 marks.

Part C: Attempt any 3 out of 4 each question will be 10 marks.

Part D: Attempt any 3 out of 4 each question will be 10 marks

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
<b>PART-A</b>	1 State the quantity theory of money.	02	CO1	BT1	
	2 Describe the Keynesian theory of employment.	02	CO1	BT2	
	3 Discuss the relationship between Investment multiplier and marginal propensity to consume.	02	CO1	BT2	
	4 "Supply creates its own demand". State the law related to this argument.	02	CO2	BT1	
	5 Calculate the value of multiplier if MPC=0.75	02	CO2	BT2	
<b>PART-B</b>	6 Compare and Contrast the Keynesian and Classical theories of Aggregate demand and Aggregate Supply	05	CO3	BT4	
	7 Distinguish between the following (i) Net National Product at Market Prices (NNPmp) and National Income	05	CO3	BT4	

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		(ii) Nominal National Income and Real National Income				
	8	Examine the concept of Inflationary and Deflationary gap	05	CO4	BT4	
PART-C	9	Critically examine the classical full-employment model and show how an increase in labor supply will affect labor market and product market?	10	CO5	BT5	
	10	Construct and explain the concept of Paradox of thrift using a well labelled graph. How can it be avoided?	10	CO5	BT6	
	11	International flow of capital for investment and International flow of goods and services are two sides of the same coin. Defend the argument.	10	CO5	BT5	
	12	Investigate the factors that determine level of investment in an economy.	10	CO5	BT6	
	13	Evaluate the effect of an increase in government expenditure on the Aggregate Demand Curve.	10	CO5	BT5	
PART-D	14	Construct the investment multiplier for an open economy. Also list the leakages in the multiplier process.	10	CO6	BT6	
	15	<p>The following information is given for an economy:</p> $C=80+0.8Y$ $I=80$ $G=60$ $T=60$ $X=20$ $M=0.2Y_d$	10	CO5	BT4	
		(i) Examine the national income for open economy (ii) Calculate the MPS (iii) Express the circular flow of national income graphically				
	16	If all people in a society decide to save more, they may fail to do so but nevertheless reduce their consumption. Argue	10	CO6	BT5	

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DEPARTMENT OF MANAGEMENT

"T3 Examination, Dec-2021"

SEMESTER	- III	DATE OF EXAM	13/12/2021
SUBJECT NAME	Basics of Economics	SUBJECT CODE	MCS 231
BRANCH	<del>BA B.Ed, B.Sc. Physics,</del> <del>B.Sc. Mathematics</del>	SESSION	Morning
TIME	9:00-10:30 am	MAX. MARKS	40
PROGRAM	<del>BA B.Ed, B.Sc. Physics,</del> <del>B.Sc. Mathematics</del>	CREDITS	2
NAME OF FACULTY	Srishti Bathla	NAME OF COURSE COORDINATOR	Srishti Bathla

Q.NO.	QUESTIONS	MARKS	CO ADDRESS ED	BLOOM'S LEVEL
Q1	Will the first slice of pizza give you the same amount of satisfaction/ utility as the third slice of pizza? Why/ Why not? Explain the law behind it with the help of example	5	CO1	L3
Q2	You bought some FMCG goods from the market worth Rs. 2000. Which type of market do these goods belong? What are the other types of markets in an economy? Distinguish between them with the help of some real-life examples	5	CO4	L3

Q3	What law of production applies in the long run? Explain the laws in detail					5	CO3	L2
Q4	The Market Demand for a good at Rs. 10 per unit is 100 units. Due to increase in price, the market demand falls to 60 units. Find out the new price if the price elasticity of demand is (-)4.					5	CO2	L3
Q5	What are the factors affecting the Supply of a commodity. Explain the factors with the help of examples.					5	CO4	L2
Q6	The demand of 'salt' does not change with the change in its price. Why? Explain the reason with graphic representation.					5	CO2	L1
Q7	Indian Economy is facing a fall in its GDP. What do you think must be reasons for the same? Comment.					5	CO1	L5
Q8	Complete the table: (Fixed Cost is Rs. 100)					5	CO3	L3
	Out put	Total Variab le cost	Mar ginal Cost	Total Cost	Averag e Fixed Cost			
	0	0						
	1	60						
	2	90						
	3	110						
	4	150						
	5	230						
	6	350						
	7	510						
	8	710						



		6. Classification of amino acids. 7. Dynamic nature of biophysics and instrumentation.				
<b>SECTION D (10*4=40marks)</b>						
<b>P A R T - D</b>	<b>Q6</b>	Elucidate upon the role of the X-ray crystallography technique in the determination of structure of biomolecules.	10	CO5	BT4	
	<b>Q7</b>	"Cell membrane is semi-permeable in nature." Explain with emphasis on the transport of ions and molecules across the membrane.	10	CO4	BT2	
	<b>Q8</b>	Why are amino acids called the "Molecular alphabets of life"? Discuss in detail the different structures of amino acids found in humans.	10	CO4	BT2	
	<b>Q9</b>	Discuss about the fundamentals and working of an electron microscope. What are the applications of microscopy in the study of biophysics?	10	CO5	BT3	
<div>*****</div> <div>END</div> <div>*****</div>						

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UNIVERSITY 7

FORMERLY MAHAVIRACHINIA COLLEGE OF ENGINEERING  
NAAC ACCREDITED A GRADE INSTITUTION

Declared as State Private University under section 21 of the UDC act, 1954

Clans/sec

*T3 Examination, December 2021"*

**Semester: 3<sup>rd</sup> & 7<sup>th</sup>**

**Subject:** Spanish - I

**Time:** 90 Minutes

**Program:** B.Tech / B.ed / Law / ~~B.sc~~ / BBA

**Invigilator Signature:**

**Date of Exam:** 7/12/2021

**Subject Code: FLS101**

**Max.Marks: 40**

### Session - I

Signature: HOD/Associate HOD:

**Note:** All questions are compulsory.

**Ques. 1** Escribe diez líneas sobre ti mismo, tu familia, tu clase etcétera usando nombre/ adjetivo/ nacionalidad/ profesión/ edad etcétera.

**(8)**

Write 10 sentences about yourself, your family, your class etc. using name/adjective/nationality / profession/ age/ etc..)

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**Ques. 2 Lee el texto y responde las preguntas.**  
**Read the text and respond to the questions.**

(6)

¡Hola! ¡Buenas tardes! Me llamo Rahul, soy indio pero vivo en Francia con mis amigos. Yo tengo 34 años y soy profesor de matemáticas en la escuela. Mi número de teléfono es 9393939. Tengo (I have) un amigo en Francia que se llama Eva. Ella es de China, es china, Eva tiene 20 años y es doctora. Tengo otros amigos que son jugadores, ingenieros y profesores. Nosotros vivimos en una casa muy grande. Gracias, ichao!

- a. ¿Es Rahul de Francia? Verdadero o falso- \_\_\_\_\_
- b. ¿Cuántos años tiene la amiga de Rahul?  
\_\_\_\_\_
- c. ¿Cuál es la profesión de Eva?  
\_\_\_\_\_
- d. ¿Dónde vive Eva?  
\_\_\_\_\_
- e. ¿Cuáles las profesiones de otros amigos de Raúl?  
\_\_\_\_\_
- f. Escribe el contrario (opposite) de grande. \_\_\_\_\_

**Ques.3 Completa las frases con adjetivo posesivo.**  
**Complete the phrases with adjective possessive.**

(4)

- e.g. (Ella) \_\_\_\_\_ coche es pequeño. Su coche es pequeño.
- a. (Yo) \_\_\_\_\_ casa es nueva.
- b. (Nosotros) \_\_\_\_\_ universidad es grande.
- c. (Usted) \_\_\_\_\_ ordenador es pequeño.
- d. (Ella) \_\_\_\_\_ televisión es vieja.
- e. (Vosotros) \_\_\_\_\_ hijas son inteligentes.
- f. (Ustedes) \_\_\_\_\_ libros son interesantes.
- g. (Él) \_\_\_\_\_ profesora de español es simpática.
- h. (Tú) \_\_\_\_\_ perro es muy activo.

**Ques. 4 Traduce (translate):-**

(6)

Escribe en inglés o español. Write In English or Spanish.

- a. Este es mi hermano, es australiano.  
\_\_\_\_\_
- b. Hay 4 ventanas en la clase.  
\_\_\_\_\_

c. Tengo clases de español los lunes, los miércoles y los domingos.

d. That book is blue and red.

e. Her cousin sister is a lawyer.

f. My father's car is black and grey

(4)

**Ques. 5 Completa con la forma adecuada de los verbos.**  
Complete with the appropriate form of AR, ER and IR ending verbs.

a. Ustedes \_\_\_\_\_ (hablar) español.

b. Ella \_\_\_\_\_ (vivir) en España.

c. Vosotros \_\_\_\_\_ (leer) la conjugación.

d. Nosotros \_\_\_\_\_ (escribir) una carta.

e. Yo \_\_\_\_\_ (aprender) lengua extranjera.

f. Usted \_\_\_\_\_ (escuchar) canción.

g. Tú \_\_\_\_\_ (comer) hamburguesa.

h. Ellas \_\_\_\_\_ (trabajar) en colegio.

(4)

**Ques. 6 Escribe los números en español.**  
Write numbers in Spanish.

a. 56-

b. 23-

c. 11

d. 100-

e. 57-

f. 93-

g. 16-

h. 44



(4)

**Ques. 7 Relaciona los meses, días y estaciones a Inglés.**

**Match months, days and seasons.**

- |              |           |
|--------------|-----------|
| a. Invierno  | October   |
| b. Octubre   | January   |
| c. Miercoles | Autumn    |
| d. Jueves    | Winter    |
| e. Otoño     | Wednesday |
| f. Domingo   | Spring    |
| g. Primavera | Thursday  |
| h. Enero     | Sunday    |

**Ques. 8 Elige la opción correcta:**

**Choose the correct option**

(4)

- |                    |                     |                    |                  |
|--------------------|---------------------|--------------------|------------------|
| a. i. Un coche     | ii. Una coche       | iii. Uno coche     | iv. Unas coches  |
| b. i. Unas casos   | ii. Unas casas      | iii. Unos cacos    | iv. Uno casa     |
| c. i. El perra     | ii. La perro        | iii. El perro      | iv. El perros    |
| d. i. Las silas    | ii. Las cilas       | iii. Las sillas    | iv. Los sillas   |
| e. i. La ordenador | ii. Las ordenadores | iii. Lo ordenadore | iv. El ordenador |
| f. i. Una planta   | ii. Un planta       | iii. Las planta    | iv. Los plantes  |
| g. i. Un madre     | ii. Una madre       | iii. Los madres    | iv. El madre     |
| h. i. Unos niños   | ii. Unas niños      | iii. Los niño      | iv. Las niños    |

**\*\*\*Buena Suerte\*\*\***



MANAV RACHNA  
[विद्यया मृतमश्नुते]

MANAV RACHNA  
UNIVERSITY

FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING  
MAAC ACCREDITED U. GRADE INSTITUTION

Declared as State Private University under section 21 of the UOE act, 1956

DEPARTMENT OF FOREIGN LANGUAGES  
T3 EXAMINATION, DECEMBER 2021

Paper ID: .....

Semester: 3<sup>rd</sup> & 7<sup>th</sup>

Subject: German - I

Time: 90 Minutes

Program: All

Invigilator Signature: \_\_\_\_\_

Date of Exam: 07/12/2021

Subject Code: FLS102

Max. Marks: 40 Session-I

Signature: HOD/Associate HOD: \_\_\_\_\_

Note: All questions are compulsory.

Roll number: \_\_\_\_\_

Name : \_\_\_\_\_

Class / Sec \_\_\_\_\_

- I. Schreiben Sie das Datum auf Deutsch.  
(Write the date in German.)

[5]

- a) 25.04 \_\_\_\_\_  
b) 01.02 \_\_\_\_\_  
c) 31.12 \_\_\_\_\_  
d) 24.09 \_\_\_\_\_  
e) 03.05 \_\_\_\_\_

- II. Schreiben Sie richtig.  
(Frame the correct sentences.)

[5]

- a) spielt - Er - gern - Tennis. \_\_\_\_\_  
b) Ich - gehe - in das Theater - . \_\_\_\_\_  
c) heißen - Sie - Maria - . \_\_\_\_\_  
d) kommen - Woher - Sie - ? \_\_\_\_\_  
e) spielen - Wir - jeden Tag - . \_\_\_\_\_



III. Schreiben Sie 5 Sätze über Ihr Lieblingshobby.  
Write 5 sentences about your favourite hobby.

[5]

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IV. Konjugieren Sie die Verben.  
Conjugate the verbs.

[5]

- |  |                               |
|--|-------------------------------|
| a) Ben _____ ins Theater.                | (gehen, geht, gehe)           |
| b) Karin _____ mit meinem Hund.          | (spielen, spielt, spiele)     |
| c) _____ ihr um 8.00 Uhr nach Italien?   | (fliegen, fliegt, fliege)     |
| d) Wir _____ sehr gut Deutsch.           | (sprechen, sprichst, spricht) |
| e) _____ Anna und Mark „Secret of Life“? | (lesen, lest, lese)           |
| f) _____ du Taj Mahal?                   | (sehen, siehst, sehe)         |
| g) _____ Sie bei Microsoft, Herr Meier?  | (arbeitet, arbeiten, arbeite) |
| h) Ich _____ in Tokyo.                   | (wohnen, wohne, wohnt)        |
| i) Meine Mutter _____ 50 Jahre alt.      | (ist, seid, bin)              |
| j) Er _____ Martin.                      | (heißt, heißen, heiße)        |

V. Schreiben Sie den bestimmten Artikeln 'der', 'die' oder 'das'.  
Write the definite articles 'der', 'die' or 'das'.

[5]

- a) \_\_\_\_\_ Stift  
b) \_\_\_\_\_ Sofa  
c) \_\_\_\_\_ Stuhl  
d) \_\_\_\_\_ Tasse  
e) \_\_\_\_\_ Brille  
f) \_\_\_\_\_ Computer  
g) \_\_\_\_\_ Buch  
h) \_\_\_\_\_ Kaffee

- i) \_\_\_\_\_ Bett  
j) \_\_\_\_\_ Ventilator

**VI. Wie spät ist es? (Offizielle Zeit)**  
**What time is it? (Write in the official format)**

[5]

- a) 04.00 Uhr \_\_\_\_\_  
b) 5.10 Uhr \_\_\_\_\_  
c) 12.45 Uhr \_\_\_\_\_  
d) 15.00 Uhr \_\_\_\_\_  
e) 7.33 Uhr \_\_\_\_\_

**VII. Übersetzen Sie ins Deutsch!**  
**Translate the given sentences into German!**

[5]

- a) I play football.  
\_\_\_\_\_  
b) She is a teacher.  
\_\_\_\_\_  
c) He drinks coffee.  
\_\_\_\_\_  
d) I speak English.  
\_\_\_\_\_  
e) We belong to Delhi.  
\_\_\_\_\_

**VIII. Ergänzen Sie!**  
**Translate the given words accordingly!**

[5]

<u>English</u>	<u>Deutsch</u>
Italy	
	Spanien

Boxing	
Volleyball	
	Mittwoch
	Guten Tag
Winter	
	Herbst
January	
	Juli



Name : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class/Sec : \_\_\_\_\_



MANAV RACHNA  
vidyantariksha

MANAV RACHNA  
UNIVERSITY

FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING  
NAAC ACCREDITED B GRADE INSTITUTION

Declared as State Private University under section 21 of the UGC act, 1956

**DEPARTMENT OF FOREIGN LANGUAGES  
T3 EXAMINATION, December 2021**

Paper ID:.....

**Semester:** 3<sup>rd</sup> & 7<sup>th</sup>

**Subject:** French - I

**Time:** 90 Minutes

**Program:** B.Tech / B.ed / Law / B.Sc / BBA

**Invigilator Signature:** \_\_\_\_\_

**Date of Exam:** 7/12/2021

**Subject Code:** FLS103

**Max. Marks:** 40 Session - I

**Signature:** HOD/Associate HOD: 

**Note:** All questions are compulsory.

**Section-A  
(COMPRÉHENSION ÉCRITE)**

**I. Lisez le passage et répondez aux questions  
(Read the passage and answer to the questions)**

Aujourd'hui c'est le premier jour de l'école ! Les élèves de l'école sont contents. Voilà la petite Caroline dans le cours de français. Elle est anglaise. Elle a quatorze ans. Elle est très belle. Son(Her) amie de la classe c'est Martha, elle est belge et elle a treize ans. Elle est grande et aussi belle. Elle joue au badminton avec Caroline. Elles aiment beaucoup la France. Le garçon s'appelle Jean-Pierre. Il est français. Il a quinze ans. Il habite à Strasbourg en Alsace. Il est sympathique. Il donne des bonbons à Caroline et Martha. Il parle en anglais et en français avec elles. Les trois sont bons amis.

(3)

**1. Dites vrai ou faux :  
(True or False)**

- a) Martha est japonaise. \_\_\_\_\_
- b) Caroline a 14 ans. \_\_\_\_\_
- c) Les filles jouent au tennis. \_\_\_\_\_
- d) Martha donne les bonbons. \_\_\_\_\_
- e) Caroline est jolie. \_\_\_\_\_
- f) Jean-Pierre parle anglais et français avec les filles. \_\_\_\_\_

(2)

**2. Répondez aux questions :  
(Answer to the questions)**

a) Où habite Jean-Pierre ?

---

b) Quel âge a Martha ?

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**Section B**  
**Expression Écrite**

**II. Présentez – vous (Present yourself) (5)**  
Ou (Or)  
Décrivez votre ami(e) (Describe your friend)

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**Section - C**  
**Grammaire**

**III. Complétez avec les articles définis (2.5)**  
(Complete with definite articles)  
(le /la/l'/les)

- a) Ce sont \_\_\_\_\_ stylos de Pierre.
- b) C'est \_\_\_\_\_ pupitre de cette classe.
- c) \_\_\_\_\_ garçon est bon.
- d) \_\_\_\_\_ hôtel est beau.
- e) \_\_\_\_\_ femme est belle.

**IV. Complétez avec les articles indéfinis (2.5)**  
(Complete with indefinite articles)  
(un/une/des)

- a) C'est \_\_\_\_\_ crayon.
- b) Ce sont \_\_\_\_\_ trousse.
- c) C'est \_\_\_\_\_ cravate.
- d) J'ai \_\_\_\_\_ pantalon.
- e) Il a \_\_\_\_\_ livre.

**V. Répondez aux questions :**  
(Answer to the questions)

(2)

- a) Quel est le sixième jour de la semaine?

\_\_\_\_\_

- b) Quel est le mois entre septembre et décembre ?

\_\_\_\_\_

**VI. Traduisez en français-**  
(Translate in French)

(5)

- a) Good evening!
- b) She watches television.
- c) Thank you very much!
- d) See you tomorrow!
- e) He lives in Paris.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**VII. Complétez avec les verbes:**  
(Complete with the verbs)

(6)

- a) Vous \_\_\_\_\_ (aller) à Delhi.
- b) Nous \_\_\_\_\_ (avoir) une maison.
- c) Elle \_\_\_\_\_ (jouer) avec le chat.
- d) Ils \_\_\_\_\_ (parler) français.
- e) Tu \_\_\_\_\_ (chanter) bien.
- f) Ce \_\_\_\_\_ (être) des gommes

**VIII. Traduisez en français:-**  
(Translate in French)

(5)

- a) It's beautiful!

\_\_\_\_\_





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Established as Group Private University vide Ministry No. 11/2014

*Das J.*

**DEPARTMENT OF EDUCATION & HUMANITIES**

*"T3 Examination, December -2021"*

SEMESTER	5 <sup>th</sup> Semester	DATE OF EXAM	4.12.2021
SUBJECT NAME	History, Culture, State and Society of South India (1200-1800 A.D)	SUBJECT CODE	EDH 306 - T
BRANCH	Education	SESSION	Afternoon (1PM-4PM)
TIME	3 Hour	MAX. MARKS	80
PROGRAM	Education	CREDITS	4
NAME OF FACULTY	Nibedita Hazarika	NAME OF COURSE COORDINATOR	Nibedita Hazarika

**Note:** Part A: All questions are compulsory. Questions will be of short answer type (2 Marks).

Part B: Questions will be of descriptive type. Each question will be of (5 Marks). Attempt any four questions.

Part C: Questions will be of descriptive type. Each question will be of (10 Marks). Attempt any four questions.

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART - A	1(A) Who was Gautamiputra Satkarni? Mention one of his contributions.	2	CO1	BT1	
	1(B) Describe about the Aihole inscription of Pulakeshin II of Badami Chalukya dynasty	2	CO1	BT2	
	1(C) Vikramaditya VI is considered to be one of the most famous ruler of the Chalukyas of Kalyani. Describe his achievements	2	CO2	BT2	
	1(D) Write a note on the architectural contribution of Mahendra Varman I, regarded as one of the greatest of the Pallava rulers.	2	CO1	BT1	

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	1(E)	Write briefly on the contribution of Md. Gawan to the Bahmani Sultanate.	2	CO2	BT2	
	1(F)	Who was Devaraya II? Mention some of his important literary works contributed by him.	2	CO2	BT1	
	1(G)	What do you understand by the term Sangam literature? Describe its types	2	CO2	BT2	
	1(H)	Write a note on the role of Women in the Bhakti movement of South India	2	CO2	BT2	
	1(I)	Why is the battle of Talikota considered to be a watershed battle in the history of Vijayanagara empire?	2	CO2	BT2	
	1(J)	Do you agree that Krishnadevaraya Raya is one of the greatest rulers of the Vijayanagara empire? If yes, highlight his important contribution.	2	CO2	BT5	
PART - B	Q2	How did Krishnaraja I and Govinda III contribute to the expansion of the Rashtrakuta empire?	5	CO2	BT2	
	Q3	Discuss the cultural contribution of the Chalukyan King Someshwar III to the South Indian history.	5	CO2	BT2	
	Q4	Explain the cultural contribution of the Bahmani rulers.	5	CO2	BT2	
	Q5	The organization of Vijayanagara state was dominated by its military needs. Argue	5	CO2	BT5	
	Q6	Discuss about the contribution of the Bhakti movement.	5	CO2	BT2	

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<b>PART - C</b>	<b>Q7</b>	Write short notes on : a. Dravidian style of architecture b. Vesara style of architecture	<b>10</b>	<b>CO 3</b>	<b>BT1</b>	
	<b>Q8</b>	The Chola period is marked for its architectural glory. Using an example discuss about their architecture.	<b>10</b>	<b>CO 3</b>	<b>BT4</b>	
	<b>Q9</b>	Vishnuvardhana is considered to be one of the greatest kings of the Hoysala dynasty. Elaborate on his major contributions.	<b>10</b>	<b>CO 3</b>	<b>BT2</b>	
	<b>Q10</b>	How do you think "village autonomy" describe the nature of Chola administration?	<b>10</b>	<b>CO 3</b>	<b>BT5</b>	
	<b>Q11</b>	Critique the role of Hyder Ali and Tipu Sultan in the emergence of Mysore state	<b>10</b>	<b>CO 4</b>	<b>BT5</b>	
***** <b>END</b> *****						

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**FACULTY OF EDUCATION AND HUMANITIES**

"T3 Examination, December -2021"

*Dr Chhavi Kulshreshtha*

SEMESTER	V	DATE OF EXAM	6-12-2021
SUBJECT NAME	Literary Criticism	SUBJECT CODE	EDH 317 - T
BRANCH	Education	SESSION	II
TIME	3:00 Hours	MAX. MARKS	80
PROGRAM	B A B Ed	CREDITS	4
NAME OF FACULTY	Dr Chhavi Kulshreshtha	NAME OF COURSE COORDINATOR	Dr Chhavi Kulshreshtha

*Note: Part A : All questions are compulsory. Questions will be of short answer type 2Marks.*

*Part B & C: Questions will be of descriptive type. Each question will carry 10 marks.*

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
<b>PART-A</b>	1(A) Define "tradition" with reference to the essay "Tradition and Individual Talent".	2	CO3	L3	
	1(B) Why artist or poet adopt the process of depersonalization?	2	CO4	L2	
	1(C) Explain in brief Impersonal Theory by Eliot.	2	CO5	L2	
	1(D) Discuss the reason behind the rejection of Wordsworth's theory of poetry by Eliot.	2	CO3	L4	
	1(E) Describe the chemical process as described by T.S Eliot.	2	CO4	L2	
	1(F) What, according to Matthew Arnold, are the functions and qualifications of critic?	2	CO5	L2	
	1(G) Explain the concept of "disinterestedness" by Arnold.	2	CO3	L3	
	1(H) Distinguish between Creative Faculty vs Critical Faculty. (Arnold)	2	CO4	L5	
	1(I) Mention the major aspects in the essay "The Function of Criticism at the Present Times".	2	CO5	L4	

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PART-B	10)	Throw light on Arnold's "Touchstone method".	2	C03	L3	
	Q2	Elaborate on the six elements of a tragedy, as discussed in "Poetics" by Aristotle.	10	C01	L4	
	Q3	With focus on Wordsworth's definition of poetry, analyse his poetic theory briefly.	10	C02	L4	
	Q4	Summarize and discuss Eliot's views on "Individual Talent" in relation to "Tradition"	10	C05	L5	
	Q5	Encapsulate and analyse Mathew Arnold's essay "Function of Criticism at the Present Time."	10	C05	L5	
PART-C	Q6	Justify the definition as stated by Eliot in his essay, <i>'Poetry is not a turning loose of emotion, but an escape from emotion; it is not the expression of personality, but an escape from personality'</i> .	10	C03	L5	
	Q6	<b>Write short notes on any of the two:</b> I. Objective Approach of Mathew Arnold II. Theory of Impersonality of T S Eliot III. Eliot's "Historical Sense" IV. Arnold's concept of "premature" criticism.	10	C03,4,5	L4	

\*\*\*\*\* END \*\*\*\*\*

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DEPARTMENT OF EDUCATION AND HUMANITIES  
"T3 Examination, Dec-2021"  
SET B

*Rao*

SEMESTER	V	DATE OF EXAM	08/12/21
SUBJECT NAME	Pedagogy of Social Science	SUBJECT CODE	EDH 108-T
BRANCH	NA	SESSION	Afternoon
TIME	1.00 pm-4.00 pm	MAX. MARKS	80
PROGRAM	BA.B.Ed./ B.Sc.-B.Ed.	CREDITS	3
NAME OF FACULTY	Dr. Savita Sharma	NAME OF COURSE COORDINATOR	Dr. Savita Sharma

Note: PART A- Attempt any one question out of two (10 marks each)  
PART B- Attempt any one question out of two (10 marks each)  
PART C- Attempt any three question out of four (10 marks each)  
PART D- Attempt any three question out of four (10 marks each)

Q.NO.	QUESTIONS	MAR KS	CO ADDRESSED	BLOOM' S LEVEL	P1
PART-A	Q.1 Distinguish between general and specific objectives. What are the general objectives of teaching Social Science at the secondary level?	3+7	CO1	BT4	
	Q.2 What are the major problems highlighted by NCF 2005 with respect to teaching of Social Science? Share your own perspective to make Social Science teaching more meaningful.	5+5	CO1	BT5	
PART-B	Q.3 Analyze the relevance of storytelling and project method for experiential learning in the classroom.	5+5	CO2	BT4	
	Q.4 Distinguish between approach, method and technique in context of teaching of Social Science. Elaborate in detail citing example for each.	5+5	CO2	BT4	

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PART-C

Q.5	What is blooms taxonomy? How it helps teachers in framing the learning objectives effectively?	3+7	CO3	BT3
Q.6	Distinguish between unit planning and lesson planning. Reflect upon the importance of lesson planning for the teachers.	3+7	CO3	BT5
Q.7	What is micro teaching? Examine the relevance of micro teaching for trainee teachers.	3+7	CO3	BT4
Q.8	What is reflection? How does reflection helps a social science teacher to be more effective in the classroom?	3+7	CO3	BT4
Q.9	Discuss various steps of conducting action research with suitable examples.	10	CO4	BT4
Q.10	What is an Achievement Test? Justify the relevance of Achievement test for a social science teacher.	3+7	CO4	BT4
Q.11	What is an effective TLM? How technology is contributing in this regard especially for a social science subject?	3+7	CO5	BT3
Q.12	What is continuous and comprehensive evaluation? What kind of activities, you will plan to ensure effective evaluation of students in social science.	3+7	CO5	BT4

PART-D

END

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**STANLEY UNIVERSITY**  
WISDOM BETTER KNOWLEDGE

DEPARTMENT OF EDUCATION AND HUMANITIES							
ODD SEMESTER (JULY-DEC-2021)							
FACULTY NAME: MS. KOMAL YADAV				QUESTION PAPER STRUCTURE (QPS)			
COURSE NAME: INTERNATIONAL ECONOMY SEM II (BA POL V)		COURSE CODE: EDH310-7 CREDIT: 4		NAME OF COURSE COORDINATOR: MS. KOMAL YADAV		Session - II	
Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI	DATE: 10/12/21	
P A R T - A	1(A) Write two main functions of World trade organisation.	2	1	BT1			
	1(B) Explain commodity barter terms of trade.	2	1	BT1			
	1(C) Define quota as non trade barrier.	2	1	BT4			
	1(D) What is terms of trade?	2	1	BT4			
	1(E) Write any two determinants of gains from trade.	2	1	BT1			
	1(F) Write any two trade barriers of trade.	2	1	BT3			
	1(G) What do you mean by gains from trade?	2	1	BT2			
	1(H) Explain single factorial terms of trade.	2	1	BT1			
	1(I) Explain change in factor endowments as determinant of terms of trade.	2	1	BT3			
	1(J) Explain potential and actual gain in trade.	2	1	BT3			
P A R T - B	Q2 What is WTO and how it is different from GATT? Discuss the functions of World trade organisation. Explain major WTO agreements w.r.t India.	10	1	BT4			
	Q3 Compare and contrast the early trade theory with examples and graphs: a) Absolute advantage theory b) Comparative cost advantage theory	10	1	BT4			
P A R T - C	Attempt any Four:						
	Q4 What do you mean by Terms of Trade? Examine the various concept of terms of trade.	10	1	BT4			
	Q5 What are the various barriers in trade? Explain types of tariff and non tariff barriers in international trade	10	1	BT4			
	Q6 Explain terms of trade. Also explain the various determinants of terms of trade.	10	1	BT2			
	Q7 What do you mean by gains from trade? Explain gains from trade for large and small country with the help of graph.	10	1	BT4			
	Q8 Explain Free trade vs No trade in International economy with example.	10	1	BT3			
	Q9 Explain the working of: a) WTO b) FDI in India	10	1	BT4			

**END**



DEPARTMENT OF Education and Humanities  
"T3 Examination Dec,-2021"

*Raj*

SEMESTER	V	DATE OF EXAM	10.12.2021
SUBJECT NAME	Political Thoughts(Political science)	SUBJECT CODE	EDH-319-T
BRANCH	B.A B.Ed	SESSION	II
TIME	1:00 p.m-4:00 p.m	MAX. MARKS	80
PROGRAM	B.A B.Ed	CREDITS	4
NAME OF FACULTY	R K SANAYAIMA SINGH	NAME OF COURSE COORDINATOR	R K SANAYAIMA SINGH

Note: All Questions are compulsory

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
P A R T- A	1(A) Outline the importance of the study of Indian Political thought?	2	C01	2	
	1(B) How the idea of caste is difference from Varna. Explain with any two suitable assertions?	2	C01	3	
	1(C) Examine on what rationale ground Swami Dayanand Saraswati was against and reject the divine rights of a king?	2	C03	4	
	1(D) What is your basic understanding of Renaissance movement?	2	C03	1	
	1(E) <b>Nationalism</b> is an idea and movement that holds that the nation should be congruent with the state. As a movement, nationalism tends to promote the interests of a particular nation. In background of the given statement define <b>Indian Nationalism</b> ?	2	C04	2	

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P A R T- B	1(F)	Briefly discuss the Indian Renaissance movement?	2	C03	4	
	1(G)	What was the main critique of Ram manohar Lohia's theory of state?	2	C05	2	
	1(H)	"Your neighbor is your natural enemy and the neighbor's neighbor is your friend". Assert your interpretation of the given popular slogan of the Mandala theory propagated by Kautilya?	2	C03	5	
	1(I)	What do you understand by DHARMA?	2	C02	2	
	1(J)	Explain Gandhiji's idea of Non-Violence?	2	C05		
	Q2	Gandhiji's concept of Swaraj was not merely confined to freeing India from the British yoke. Interpret Gandhiji's concept of Swaraj?	10	C05	5	
	Q3	Evaluate Ram Manohar Lohia's Goals for Future?	10	C06	2	
	Q4	Assess the idea of END and MEANS according to Gandhiji?	10	C05	5	
	Q5	Ambedkar was not only a political leader and social reformer but also a scholar and thinker. He has written extensively on various social and political matters. Reflect Ambedkar's view on the British rule in India?	10	C06	4	
	Q6	According to Ambedkar what are those factors necessary for the successful Operation of Democracy?	10	C06	3	
	Q7	JP was very much critical of dialectical materialism on human development. He was convinced that this methodology would affect the spiritual development of man. His concept of Total Revolution is a holistic one. He used	10	C06	6	

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this term Total Revolution for the first time in  
a British magazine called The Time in 1969.  
Discuss extensively on JP's Idea of Total  
Revolution?

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**END**

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DEPARTMENT OF Education and Humanities  
"T3 Examination, Dec-2021"

*[Signature]*

SEMESTER	V	DATE OF EXAM	13.12.2021
SUBJECT NAME	Essence of Public Administration	SUBJECT CODE	EDH-309-T
BRANCH	B.A Bed	SESSION	II
TIME	1:00-4:00 P.M	MAX. MARKS	80
PROGRAM	B.A B.ED	CREDITS	4
NAME OF FACULTY	Thangjam Gunabanta Singh	NAME OF COURSE COORDINATOR	Thangjam Gunabanta Singh

Note: All Questions are mandatory

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Write a short note on 'No Confidence Motion'?	2	CO2	BT1	
	1(B) What do you understand by 'Adjournment Motion'?	2	CO2	BT2	
	1(C) Write a short note on 'Judicial Intervention'?	2	CO2	BT2	
	1(D) Identify and briefly illustrate the methods of Public Administration?	2	CO2	BT1	
	1(E) What do you understand by Globalization? Support your answer with one suitable example?	2	CO6	BT2	
	1(F) What do you understand by Liberalization?	2	CO6	BT2	
	1(G) What is Question Hour? Provide at least two kinds of Questions which are part of Question Hour?	2	CO3	BT1	
	1(H) Write at least two criticism of Weberian model of Bureaucracy?	2	CO4	BT2	

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PART -B	1(I)	Define essence of Bureaucracy?	2	CO4	BT3	
	1(J)	Write a short note on the Patronage Bureaucracy	2	CO4	BT2	
	Q2(A)	Analyse the characteristics of Bureaucracy?	10	CO4	BT5	
	Q2(B)	What are the limitations of Legislative control over administration in India?	10	CO6	BT2	
	Q2(C)	Discuss the scope of judicial intervention over administration?	10	CO5	BT6	
	Q2(D)	Examine various criticism of Weberian model of Bureaucracy?	10	CO4	BT4	
	Q2(E)	Discuss various means and techniques through which executive exercises its control over administration in India?	10	CO3	BT6	
	Q4(F)	Describe the impacts of Globalization?	10	CO5	BT3	
	***** END *****					
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**DEPARTMENT OF EDUCATION AND HUMANITIES**  
 "T3 Examination, December-2021"

*Raj*

SEMESTER	V <sup>th</sup>	DATE OF EXAM	13.12.21
SUBJECT NAME	Pedagogy- I ( Biological Science)- [SET-A]	SUBJECT CODE	EDH 109 - T
BRANCH	Education	SESSION	Afternoon
TIME	3HR	MAX. MARKS	80
PROGRAM	B.Sc. B.Ed.	CREDITS	
NAME OF FACULTY	Ms. Diksha Dhawan	NAME OF COURSE COORDINATOR	Ms. Diksha Dhawan

**INSTRUCTIONS: All questions are compulsory. Internal choices are provided in Section C.**

**SECTION A (2\*5=10 MARKS)**

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART - A	1(A) Discuss the uses of Concept mapping in biological science.	2	CO3	BT2	
	1(B) What is the importance of field trips in biological science teaching?	2	CO5	BT1	
	1(C) Comment upon the role of the learner's record in biological science learning.	2	CO4	BT1	
	1(D) How does biological science develop critical and logical thinking in the learners?	2	CO1	BT2	
	1(E) Discuss about the pedagogical shift in biological science from a fixed body of knowledge to the process of Constructing Knowledge.	2	CO3	BT2	

**SECTION B (5\*2=10marks)**

PART - B	Q2	What is the project method? Explain the merits and demerits of the project method in biological science teaching.	5	CO4	BT2	
	Q3	Give a brief account of the use of ICT in biological science and professional development of Science teachers.	5	CO5	BT2	

**SECTION C (Attempt any 4. Each one carries 5marks each.) (4\*5=20 marks)**

PART - C	Q4	Write short notes on any FOUR of the following: 1. Concept-cum-methodology method in biological science. 2. Assessment through creative expression. 3. Diagnostic and remedial testing. 4. Use of TLM in Science.	4*5=20	CO1 CO2 CO3 CO4	BT3	
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		5. Democratizing Science Learning. 6. Experiential learning model. 7. Reporting and Recording of learning outcomes.		CO5		
	<b>SECTION D (10*4=40marks)</b>					
<b>P A R T - D</b>	<b>Q6</b>	What are the measures taken up for making science classrooms more inclusive? Critically Analyze how far these measures are being implemented in the present scenario.	10	CO4	BT4	
	<b>Q7</b>	Discuss in detail the Meaning, nature and scope of Biological science as a school subject. What are the objectives of biological science teaching at the primary/secondary level?	10	CO2	BT2	
	<b>Q8</b>	What is an achievement test? What are the steps of preparation of an achievement test? How is it useful for a biological science teacher?	10	CO5	BT2	
	<b>Q9</b>	Critically analyze CCE in the light of evaluating learners in biological science. Why was it scrapped in 2018?	10	CO5	BT4	
***** <b>END</b> *****						

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DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, Dec-2021"

*Rachna*

SEMESTER	5	DATE OF EXAM	20.12.2021
SUBJECT NAME	Indian Economy (Set B)	SUBJECT CODE	EDH308-T
BRANCH	EDUCATION & HUMANITIES	SESSION	II
TIME	01.00 PM - 4.00 PM	MAX. MARKS	80
PROGRAM	B.A. B.Ed.	CREDITS	04
NAME OF FACULTY	Ms. Kriti Dagar	NAME OF COURSE COORDINATOR	Ms. Kriti Dagar

Note: Part A: All questions are compulsory. Each question will be 2 Marks.

Part B: Attempt any 2 out of 3 each question will be 5 marks.

Part C: Attempt any 3 out of 4 each question will be 10 marks.

Part D: Attempt any 3 out of 4 each question will be 10 marks

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1 State two objectives of Economic Planning in India.	02	CO1	BT1	
	2 Explain Public-Private Partnership.	02	CO1	BT2	
	3 Classify the ownership of Industries.	02	CO1	BT2	
	4 Define Globalization	02	CO2	BT1	
	5 Describe Disinvestment.	02	CO2	BT2	
PART-B	6 Analyze the features of the Industrial Policy of 1991.	05	CO3	BT4	
	7 Examine the causes for the expansion of Public enterprises in context of economic planning in India.	05	CO3	BT4	
	8 "There is an inverse relationship between farm size and productivity". Validate this statement	05	CO4	BT4	
PART-C	9 Critically analyze the long-term and short-term measures to solve food problem in India	10	CO5	BT5	
	10 Green revolution has transformed agriculture in India. Formulate this statement in view of the lessons learnt	10	CO5	BT6	

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PART-D		from Green revolution.				
	11	Critically examine the measures to raise agricultural productivity	10	CO5	BT5	
	12	Investigate the impact of foreign aid on India's Economic Development.	10	CO5	BT6	
	13	Evaluate the objectives and importance of Disinvestment.	10	CO5	BT5	
	14	Investigate the changes introduced in the LPG model of development.	10	CO6	BT6	
	15	Analyze the PPP model and justify its need in education.	10	CO5	BT4	
	16	Critically analyze the short comings of the Public Sector	10	CO6	BT5	

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DEPARTMENT OF EDUCATION AND HUMANITIES

"T3 Examination, December-2021"

SEMESTER	V <sup>th</sup>	DATE OF EXAM	04.12.21
SUBJECT NAME	PLANT SYSTEMATICS, ANGIOSPERM PHYLOGENY, ECONOMIC BOTANY (SET A)	SUBJECT CODE	EDH301
BRANCH	B.Sc. B.Ed.	SESSION	Evening
TIME	01.00PM-04.00PM	MAX. MARKS	80
PROGRAM	BSc. BEd.	CREDITS	4
NAME OF FACULTY	Dr Pooja Parmar	NAME OF COURSE COORDINATOR	Dr Pooja Parmar

SECTION A (4\*5=20 MARKS), Attempt any four

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	Q1 Enlist Merits and demerits of Bentham and hooker classification.	5	CO1	BT1	
	Q2 Write and draw well labelled diagram of inflorescence of the plant <i>Glycine max.</i>	5	CO2	BT6	
	Q3 a. Linnaeus gave _____ system of nomenclature. b. Mother axis is drawn on _____ side in floral diagram. c. The inflorescence in <i>Capparis</i> is _____. d. Which family studied by you bears perianth?	5	CO1	BT1, BT2	
	Q4 Give economic importance of Magnoliaceae family.	5	CO2	BT1	
	Q5 Match the following with respect to Amaranthaceae family: a. perianth (i) trimerous b. Ovary (ii) penta or tetramerous c. aestivation (iii) polytepalous d. Fruit (iv) gamotepalous (v) valvate	5	CO2	BT3	

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- (vi) imbricate
- (vii) pome
- (viii) hesperidium

### SECTION B (3\*10=30 MARKS)

Attempt any three

PART-B	Q6	In which families are the following features found: a) Monoadelphous stamens b) Perianth c) Polyandrous stamens d) Capitulum inflorescence e) Apocarpous gynoecium	5	CO3, CO4	BT4, BT1
	Q7	Give distinguishing features of Liliaceae and two plants of economic importance		CO4	BT2
	Q8	The family is characterized by persistent sepal. Draw floral diagram and floral formula. characteristic features.	10	CO4	BT3
	Q9	Write short notes on different types of fruits. Explain any five.	10	CO2, CO3, CO4	BT2

### SECTION C (3\*10=30 MARKS)

Attempt any three

Q10	Write economic importance (one), botanical name and family of plants: a. Tulsi, b. Aak, c. Palm tree, d. Indian snakeroot	10	CO3, CO4	BT3
Q11	This angiosperm family is characterized by trimerous flowers. Name the family and give detailed description Classification, habit, habitat, flower characteristics, inflorescence and fruit.	10	CO3, CO4	BT3
Q12	From which family are cereals belong. Give botanical names of 5 cereals. Give well labelled diagram of a spikelet of wheat.	10	CO4	BT6
Q13	Draw floral diagram of flowers whose floral formulae are: $\text{Br} \odot \text{K}_{(5)} \text{C}_{(5)} \text{A}_5 \text{G}_{(2)}$ $\text{Br} \% \text{K}_{(5)} \text{C}_{1+2+(2)} \text{A}_1+(9) \text{G}_1$	10	CO3, CO4	BT6

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## DEPARTMENT OF PHYSICS

"T3 Examination, DEC-2021"

SEMESTER	V	DATE OF EXAM	04.12.2021
SUBJECT NAME	Basic Electronics	SUBJECT CODE	PHH330-T
BRANCH	PHYSICS	SESSION	II
TIME	01.00 PM-04.00 PM	MAX. MARKS	80
PROGRAM	B. Sc. B. Ed.	CREDITS	
NAME OF FACULTY	Dr. Anshuman Sahai	NAME OF COURSE COORDINATOR	Dr. Anshuman Sahai

Note: Note: All questions are compulsory.

[SET B]

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1a	8	CO1	BT3	
	1b	2	CO1	BT2	
PART-B	2	4+2	CO2	BT2	
	3	4	CO3	BT3	
PART-C	4	6	CO3	BT4	
	5	20	CO3	BT4	
	6	2	CO3	BT4	
	7	2	CO3	BT4	
	8	4	CO2	BT3	
PART-D	9	10	CO2	BT2	

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	the case of output signal when the $m > 1$ ?  <b>Or</b> Derive the relation for frequency modulated wave and explain the terms upper side band and lower side band. What would be the case of output signal when the $m > 1$ ?			
10	An AM wave is represented by the expression: $v = 10(1 + 0.7\cos 6280t) \sin 211 \times 10^4 t$ volts. (i) What are the minimum and maximum amplitudes of the AM wave? (ii) What frequency components are contained in the modulated wave and what is the amplitude of each component?	10	CO3	BT4
11	A sinusoidal carrier voltage of 5MHz and 100volts is amplitude modulated by 5kHz producing 90% modulation. Calculate the frequency and amplitude of LSB and USB.	6	CO3	BT4
***** END *****				



DEPARTMENT OF CHEMISTRY

"T3 Examination, December-2021"

SEMESTER	V	DATE OF EXAM	10.12.2021
SUBJECT NAME	Transition Elements Coordination compounds and Chemical Kinetics	SUBJECT CODE	CHH312-T
BRANCH	Education	SESSION	2021-2022 (II)
TIME	1:00 PM to 4:00 PM	MAX. MARKS	80
PROGRAM	BSc BEd	CREDITS	3
NAME OF FACULTY	Dr. A. Jayamani	NAME OF COURSE COORDINATOR	Dr. A. Jayamani

Note: All questions are compulsory. Kindly allow scientific calculator.

	Q.NO.	QUESTIONS	MA RKS	CO ADDRES SED	BLOOM'S LEVEL	P
PART-A	Q1(A)	Which of the following arrangements does not represent the correct order of the property stated against it? (i) $V^{2+} < Cr^{2+} < Mn^{2+} < Fe^{2+}$ : paramagnetic behaviour (ii) $Ni^{2+} < Co^{2+} < Fe^{2+} < Mn^{2+}$ : ionic size (iii) $Co^{3+} < Fe^{3+} < Cr^{3+} < Sc^{3+}$ : stability in aqueous solution (iv) $Sc < Ti < Cr < Mn$ : number of oxidation states	1	CO1	BT3	
	1(B)	Identify the ore not containing iron (i) chalcopyrites (ii) carnallite (iii) siderite (iv) limonite	1	CO1	BT2	
	1(C)	All the metals form oxides of the type MO except (i) copper (ii) barium (iii) silver (iv) lead	1	CO1	BT2	
	1(D)	Zinc and Mercury donot show variable valency like d-block elements because (i) they are soft (ii) their d shells are complete (iii) they have only two electrons in their outermost subshell (iv) their d shells are incomplete	1	CO1	BT2	
	1(E)	Which of the following is not a principal physical and chemical characteristics of interstitial compounds? (i) They have high melting points, higher than those of pure metals. (ii) They are very hard, some borides approach diamond in hardness. (iii) They reduce the metallic conductivity, (iv) They are chemically inert.	1	CO1	BT2	

A. Jayamani

	1(F)	Identify the incorrect statement among the following (i) d-Block elements show irregular and erratic chemical properties among themselves (ii) La and Lu have partially filled d orbitals and no other partially filled orbitals (iii) The chemistry of various lanthanoids is very similar (iv) 4f and 5f orbitals are equally shielded	1	CO1	BT1
	1(G)	Which of the following lanthanoid ions is diamagnetic? (At. nos. Ce = 58, Sm = 62, Eu = 63, Yb = 70) (i) $Ce^{2+}$ (ii) $Sm^{2+}$ (iii) $Eu^{2+}$ (iv) $Yb^{2+}$	1	CO1	BT4
	1(H)	Lanthanide contraction is caused due to (i) the appreciable shielding on outer electrons by 4f electrons from the nuclear charge (ii) the appreciable shielding on outer electrons by 5d electrons from the nuclear charge (iii) the same effective nuclear charge from Ce to Lu (iv) the imperfect shielding on outer electrons by 4f electrons from the nuclear charge	1	CO1	BT1
	1(I)	Larger number of oxidation states are exhibited by the actinoids than those by the lanthanoids, the main reason being (i) 4f orbitals more diffused than the 5f orbitals (ii) lesser energy difference between 5f and 6d than between 4f and 5d orbitals (iii) more energy difference between 5f and 6d than between 4f and 5d orbitals (iv) more reactive nature of the actinoids than the lanthanoids	1	CO1	BT2
	1(J)	Which of the following pairs of elements cannot form an alloy? (i) Fe, Hg (ii) Fe, Cr (iii) Zn, Cu (iv) Hg, Na	1	CO1	BT3
PART-B	Q2(A)	How does the conductivity of $[Co(NH_3)_6]Cl_3$ and $[Co(NH_3)_5Cl]Cl_2$ differ from each other? Write the reactions that can prove the difference.	2	CO2	BT4
	2(B)	Write down the formula of hexamminecobalt (III)chloride and tetracarbonyl nickel (0) and mention the charge on the complex ion.	2	CO2	BT3
	2(C)	Write down the postulates of crystal field theory	2	CO2	BT2
	2(D)	Justify how spectrochemical series will be useful for determining high spin and low spin complexes.	2	CO2	BT4
	2(E)	What is chelate effect? Explain with an example	2	CO2	BT1



PART - C

PART - D

3(A)	Explain on the methods used to determine of rate law and order of a reaction	7	CO3	BT1
3(B)	Compare the radioactivity decay and first order reaction with reactions and rate law.	3	CO3	BT2
4(A)	Describe how solvent, light and pressure influence the rate of a reaction.	3	CO3	BT2
4(B)	What is the rate constant for a first order reaction if the concentration of reactant decreases from $800 \text{ mol dm}^{-3}$ to $50 \text{ mol dm}^{-3}$ in $2 \times 10^2 \text{ sec}$ ?	4	CO3	BT4
4(C)	Write short notes on collision theory with proper illustrations.	3	CO3	BT4
5(A)	Illustrate the zero order, first order and second order reactions graphically by integrated rate law.	4	CO3	BT4
5(B)	Describe in detail about (i) the concept of activation energy (ii) transition state theory	6	CO3	BT3
6(A)	Explain the concept of surface chemistry and write down the fields where surface phenomenon has applications.	3	CO4	BT2
6(B)	Define catalysis and explain the different characteristic of catalyzed reactions.	4	CO4	BT3
6(C)	Write short notes on the classification of catalysis.	3	CO4	BT2
7(A)	What are the different types of adsorption isotherm? Explain Freundlich isotherm and Langmuir adsorption isotherm with illustrations	7	CO4	BT2
7(B)	Write short notes on Gibbs isotherm.	3	CO4	BT1
8(A)	Compare Brunauer, Emmett, Teller Adsorption isotherm with Langmuir isotherm. Write down the applications and drawbacks of BET adsorption isotherm	6	CO4	BT4
8(B)	Illustrate the six types of BET isotherm graphically and how they determine the characteristic of adsorbents.	4	CO4	BT3
***** END *****				



DEPARTMENT OF MATHEMATICS

"T3 Examination, December-2021"

SEMESTER	FIFTH	DATE OF EXAM	08/12/2021
SUBJECT NAME	DIFFERENTIAL EQUATIONS	SUBJECT CODE	MAH319B
BRANCH	MATHEMATICS	SESSION	AFTERNOON
TIME	1:00PM-4:00PM	MAX. MARKS	100
PROGRAM	B.Sc.(B.Ed.)	CREDITS	4
NAME OF FACULTY	Dr Kalpana Shukla	NAME OF COURSE COORDINATOR	Dr Kalpana Shukla

Note: Note: Part A & Part B : All questions are compulsory.

Part C: Attempt any two questions.

Part D: Attempt any two questions.

Q.NO.	QUESTIONS	MAR KS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Find the differential equation of the family of circles $(x - a)^2 + (y - b)^2 = 0$ , where a, b are the constants.	2	CO1	BT3	[2.1.2]
	1(B) Solve $(D^2 - 2D + 1)y = x^2 \sin x$	4	C01	BT3	[2.1.2]
	1(D) Solve $(x + 1) \frac{dy}{dx} - y = e^x(x + 1)^2$ ; $y(0)=4$ .	4	C02	BT3	[2.1.1]
	1(E) Check the exactness, and find the solution $(e^x + 1) \cos x dx + e^x \sin x dy = 0$	3	C03	BT2	[2.1.2]
PART-B	Q2(A) State the application of differential equation in life science with suitable example.	2	C01	BT3	[1.1.1]
	2(C) Solve $xp + yq + x^2 + y^2 = 0$	2	C02	BT3	[2.1.2]
	2(D) Solve by direct integration; $\frac{\partial^2 z}{\partial x \partial y} = e^{-y} \sin x$	2	C02	BT3	[2.1.1]

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PART-C	2(E)	State the equation of orthogonal trajectory.	2	C02	BT1	[1.1.1]
	Q3(A)	Solve $\frac{d^3y}{dx^3} = x \log x$	8	CO4	BT3	[2.3.1]
	Q3(B)	Solve $\frac{d^2y}{dx^2}(3-x) - (9-4x)\frac{dy}{dx} + (6-3x)y = 0$ ; Given that $y = e^x$ is an integral included in the complimentary function.	12	C04	BT3	[3.1.2]
	Q4(A)	Solve by method of variation of parameters: (i) $y'' + 3y' + 2y = e^{e^x}$ (ii) $\frac{d^2y}{dx^2} + y = \sec x$	20	C03	BT2	[4.1.1]
	Q5(A)	Solve $\frac{d^2y}{dx^2} - \frac{3}{2y}\left(\frac{dy}{dx}\right)^2 - 2y = 0$	12	CO3	BT4	[4.1.1]
PART-D	5(B)	Solve $y'' = (2y^3 - y)$ under the condition $y = 0, y' = 1$ , when $x=0$ .	8	C04	BT1	[2.1.1]
	Q6(A)	Solve $x(z^2 - y^2)p + y(x^2 - z^2)q = z(y^2 - x^2)$	12	CO3	BT3	[4.1.1]
	6(B)	Using the method of separation of variables, find the solution of the equation; $\frac{\partial u}{\partial x} - 2\frac{\partial u}{\partial y} = 0; u(x, 0) = 2e^{-x}$	8	CO1	BT3	[2.1.1]
	Q7(A)	Find the complimentary function of the following: $D^2(5D'^2 + 9DD' + 4D'^2)u = 0$	8	C04	BT3	[2.1.1]
	7(B)	Solve $\frac{\partial^2 z}{\partial x^2} + \frac{\partial^2 z}{\partial x \partial y} = \sin 2x \cos y$	12	C03	BT3	[1.1.2]
	Q8(A)	Solve $r + s - 6t = y \cos x$	10	C03	BT3	[2.1.1]
	8(B)	Solve $[D^3 + D^2D' - DD'^2 - D'^3]z = e^{2x} \sinh 2y$	10	CO3	BT3	[2.1.1]

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DEPARTMENT OF Education and Humanities  
"T3 Examination, Dec.-2021"

*Rare*

SEMESTER	V <sup>th</sup>	DATE OF EXAM	08.12.21
SUBJECT NAME	Ecology and Animal Behavior	SUBJECT CODE	EDH302
BRANCH	Department of Education	SESSION	Evening
TIME	01:00-4:00 P.M	MAX. MARKS	80
PROGRAM	B.Sc B.Ed	CREDITS	3
NAME OF FACULTY	Ms. Charu Rajpal	NAME OF COURSE COORDINATOR	Dr. Pooja Parmar

Note: Note: All questions are compulsory

Part A: 20\*1=20 Marks

Part B: 2\*10=20 Marks

Part C: 4\*10=40 marks

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Define: Biome and give one example.	1	CO2	BT1	
	1(B) Differentiate between focused learning and generalized learning.	1	CO3	BT1	
	1(C) Elaborate neural control of behavior in animals.	1	CO3	BT2	
	1(D) Give a brief on interspecific association between cattle and egrets.	1	CO4	BT1	
	1(E) Define biological rhythms.	1	CO4	BT1	
	1(F) What does ecological pyramid of biomass depict?	1	CO2	BT2	
	1(G) Explain the contributions of Lorenz to exhibit animal's behavior.	1	CO3	BT5	
	1(H) Which biome has maximum stratification?	1	CO1	BT3	
	1(I) Explain ecological classification based on taxonomic affinity.	1	CO2	BT6	
	1(J) Give the significance of species area relationship.	1	CO1	BT1	

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PART-B	1(K)	Write a short note on innate behavior.	1	CO3	BT3
	1(L)	Summarize the concept of motivation.	1	CO3	BT1
	1(M)	Distinguish between a niche and a habitat.	1	CO1	BT2
	1(N)	How does phenotypic plasticity influence evolutionary trajectories?	1	CO2	BT1
	1(O)	Interpret sign stimuli.	1	CO3	BT1
	1(P)	Explain polyphenism.	1	CO3	BT1
	1(Q)	Simplify imprinting and maturation.	1	CO3	BT1
	1(R)	Relate agnostic behavior in animals.	1	CO4	BT1
	1(S)	Who formulated the ecological pyramids?	1	CO2	BT1
	1(T)	In a forest ecosystem, how is the pyramid of numbers depicted?	1	CO2	BT1
PART-C	Q2(A)	Interpret the social behavior in birds and primates.	5	CO5	BT6
	2(B)	Write short note on food chain, food web and trophic levels with examples.	5	CO2	BT4
	Q3(A)	Briefly state the important contribution of the following scientists: (i) Niko Tinbergen (ii) Karl Von Frisch (iii) Ivan Pavlov	5	CO3	BT3.BT2
	3(B)	Explain different types of sensory stimuli used in courtship behavior by the males.	5	CO3	BT4
	Q4(A)	Categorize the diversity of social behavior in animals.	5	CO4	BT6
	4(B)	With suitable examples, describe altruism. Explain evolutionary significance of altruistic behavior in animals.	5	CO3	BT2
	Q5(A)	Describe intrasexual selection. Explain various tactics adopted by males in response to intrasexual selection.	5	CO3	BT2

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5(B)	Justify the application of the study of ecology in wild life conservation and sustainable development.	5	CO2	BT5
Q6(A)	Describe social organization in honeybee.	5	CO3	BT2
6(B)	Explain the habituation in earthworm larvae.	5	CO5	BT2
Q7(A)	Write short notes on: (i) Entrainment (ii) Supernormal stimuli	5	CO4	BT5
7(B)	Differentiate between kinesis and taxis.	5	CO5	BT3, BT 2

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**DEPARTMENT OF EDUCATION & HUMANITIES**

"T3 Examination, December -2021"

*Rachna*

SEMESTER	7 <sup>th</sup> Semester	DATE OF EXAM	3.12.2021
SUBJECT NAME	Indian and the World History 1950-2000A.D	SUBJECT CODE	EDH-418 - T
BRANCH	Education	SESSION	Morning (9 AM-12 PM)
TIME	3 Hour	MAX. MARKS	80
PROGRAM	Education	CREDITS	4
NAME OF FACULTY	Nibedita Hazarika	NAME OF COURSE COORDINATOR	Nibedita Hazarika

**Note:** Part A: All questions are compulsory. Questions will be of short answer type (2 Marks).

Part B: Questions will be of descriptive type. Each question will be of (5 Marks). Attempt any four questions.

Part C: Questions will be of descriptive type. Each question will be of (10 Marks). Attempt any four questions.

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
<b>PART - A</b>	<b>1(A)</b> When did the integration of Goa happen with the Indian state? What was the approach of Portuguese authorities over this issue? Explain.	2	CO1	BT1	
	<b>1(B)</b> The partition of India saw one of the greatest migrations in human history. Do you agree with the view that the Government of India was able to provide adequate relief to the refugees?	2	CO1	BT5	
	<b>1(C)</b> In which year was the five year plan initiated with special reference to agriculture? Write a note.	2	CO1	BT1	
	<b>1(D)</b> Define regionalism. Give an example	2	CO2	BT1	

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	1(E)	Which all states were recognized as linguistic states? Give examples.	2	CO2	BT1	
	1(F)	What do you understand by the term political party? Mention some of the major political parties in India	2	CO2	BT1	
	1(G)	Which article of the Indian constitution directs to adopt foreign policy.	2	CO1	BT1	
	1(H)	How the boundary commission created the boundaries between India and Pakistan write a note.	2	CO1	BT2	
	1(I)	What are the external challenges to Communalism in India? Describe	2	CO2	BT2	
	1(J)	What do you understand by Instrument of Accession?	2	CO2	BT1	
<b>PART - B</b>	Q2	Briefly discuss the Linguistic reorganization of states in India	5	CO2	BT2	
	Q3	What is Armed Forces Special Powers Act (AFSPA) .Name two places in which it has been in place post independence?	5	CO2	BT1	
	Q4	Write a brief note on article 35 A and describe its relevance in Kashmir.	5	CO2	BT2	
	Q5	Who were the parties to the Panchasheel agreement? What were its founding principles?	5	CO3	BT1	
	Q6	Discuss the major crises in Assam with particular reference to the Assam movement.	5	CO2	BT2	

<b>PART - C</b>	<b>Q7</b>	Write short notes on- a. Nelson Mandela b. Apartheid policy before 1948	<b>10</b>	<b>CO 4</b>	<b>BT1</b>	
	<b>Q8</b>	Discuss the effects of the Cold war.	<b>10</b>	<b>CO 3</b>	<b>BT2</b>	
	<b>Q9</b>	Critically examine the contribution of Mahatma Gandhi to the Anti- Apartheid Movement	<b>10</b>	<b>CO 4</b>	<b>BT5</b>	
	<b>Q10</b>	Critically look at the emergence of Vietnam	<b>10</b>	<b>CO 4</b>	<b>BT5</b>	
	<b>Q11</b>	Explain the concept of non-alignment and analyze the factors that led to its emergence	<b>10</b>	<b>CO 3</b>	<b>BT2</b>	

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DEPARTMENT OF Education and Humanities  
"T3 Examination, Dec-2021"

SEMESTER	VII	DATE OF EXAM	10.12.2021
SUBJECT NAME	Social constructionist and their thoughts	SUBJECT CODE	EDH 421- T
BRANCH	B.A B.Ed	SESSION	I
TIME	9:00 a.m- 12:00 p.m	MAX. MARKS	80
PROGRAM	B.A B.Ed	CREDITS	4
NAME OF FACULTY	R K SANAYAIMA SINGH	NAME OF COURSE COORDINATOR	R K SANAYAIMA SINGH

Note:

Q.NO.	QUESTIONS	MAR KS	CO ADDRESSED	BLOOM'S LEVEL	PI
P A R T A	1(A) Define Social contract theory?	2	CO1	BT 1	
	1(B) Identify Hobbes's <b>state of nature</b> in his social contract theory?	2	CO3	BT 1	
	1(C) Name one major work (book) done by Thomas Hobbes?	2	CO3	BT 1	
	1(D) Explain the statement "The greatest good for the greatest number" based on utilitarian thought?	2	CO2	BT 2	
	1(E) Elaborate the idea of <i>nature of the state</i> in the social contract theory?	2	CO1	BT 2	
	1(F) Elaborate the Idea of <i>Law of the nature</i> in the social contract theory?	2	CO1	BT 2	
	1(G) Define in short Realism?	2	CO4	BT 1	
	1(H) On Liberty (1859) begins with a paradox-civil liberties are under greater threat in democratic than in despotic regimes. Who wrote On Liberty (1859)?	2	CO6	BT 1	
	1(I) The sovereign (State/ruler/king....) is not a party to Hobbes's social contract and therefore cannot be prosecuted for a breach of its terms. Substantiate the rationale reason on why Sovereign according to Hobbes cannot be	2	CO3	BT 2	

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		Prosecuted for a breach of its terms and agreements?				
	1(J)	Machiavelli presumed that human nature remained constant, for history moved in a cyclical way, alternating between growth and decay. Briefly explain the Human Nature as described by Machiavelli?	2	C03	BT 2	
PART-B	Q2	Critically interpret Plato's idea of <i>absolute truth</i> ?	10	C05	BT 4	
	Q3	Justify J.S Mill's argument for equal rights for women?	10	C06	BT 5	
	Q4	Theory of Forms or Ideas is at the centre of Plato's philosophy. Analyse Plato's theory of forms?	10	C05	BT 4	
	Q5	Elaborate the concept of <b>Idealism</b> ?	10	C04	BT 2	
	Q6	Examine the arguments of Church Vs State?	10	C04	BT 2	
	Q7	Explain <i>Community of Wives and Property</i> by Plato?	10	C05	BT 2	

**DEPARTMENT OF CHEMISTRY**

*"T3 Examination, Dec-2021"*

SEMESTER	VII	DATE OF EXAM	03/12/21
SUBJECT NAME	Spectroscopy, Natural Products and Heterocyclics	SUBJECT CODE	CHH 315-T
BRANCH	Education	SESSION	I
TIME	9:00 to 12:00 Noon	MAX. MARKS	80
PROGRAM	BSc BEd	CREDITS	
NAME OF FACULTY	Dr. Shilpa Sharma	NAME OF COURSE COORDINATOR	Dr. Shilpa Sharma

Note: All questions are compulsory.

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART-A	1(A) Calculate the concentration in (microgram/ ml) of a solution of organic compound (MM= 211.2) in 0.11M HCl giving an absorption at its $\lambda_{max}$ 281nm of 0.612 in 4cm cell. The molar absorptivity at 281nm is 5372.	6	CO1	BT3	
	1(B) Define the term 'Chromophore'. How will you detect the presence of carbonyl group in aldehydes and ketones.	4	CO1	BT2	
PART-B	Q2(A) Why are amino acids are called amphoteric compounds? Write the structure of alanine at pH 2 and pH 10.	2	CO2	BT2	
	2(B) Explain isoprene rule and its significance.	2	CO2	BT2	
	Q3(A) How can we know the hydroxyl groups in alkaloids (a) Write the reaction (oxidation of alcohols) (b) differentiate between primary secondary and tertiary alcoholic group	2	CO3	BT3	
	3(B) Portrait the Haworth and Fischer projection Glucose and Lactose	4	CO3	BT2	
RT-	Q4(A) Explain various theories of color and constitution	6	CO4	BT1	

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PART-C	Q5(A)	Ibuprofen is an anti-inflammatory drug. Explain the mechanism of ibuprofen drug in the body.	6	C04	BT3
	5(B)	Explain in detail the malarial infection phenomenon in our body and give some antimalarial drugs for its treatment	5	C04	BT3
	Q6(A)	What is the structure of terylene, nylon 6 and nylon 6,6. How are they manufactured? Show the process through which the molecular chains are held together in nylon 6,6 and nylon 6.	6	C05	BT2
	6(B)	Discuss the initiation, propagation and termination steps in free radical polymerization of polythene. What is the role of inhibitors in free radical polymerization	7	C05	BT3
PART-D	Q7(A)	Discuss the mechanism of some typical electrophilic substitution reactions of pyrrole, furan and thiophene. What is the order of reactivity of these heterocycles towards electrophiles?	7	C06	BT3
	7(B)	Why pyridine is more basic than pyrrole while benzene is less basic than pyrrole.	7	C06	BT4
	Q8(A)	What happens when pyrrole is treated with methyl iodide?	3	C06	BT3
	8(B)	Explain the synthesis of furan, pyrrole and thiophene by Paal Knorr synthesis?	6	C06	BT2
	Q9(A)	Justify the following statements: (a) Thiophene is more aromatic in nature than furan (b) Furan is not stable in acids although it has aromatic character (c) Furan undergoes Diels Alder reaction but thiophene doesn't.	7	C06	BT3
***** END *****					

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**DEPARTMENT OF EDUCATION AND HUMANITIES**

*"T3 Examination, December-2021"*

*Rare*

SEMESTER	VII <sup>th</sup>	DATE OF EXAM	06.12.21
SUBJECT NAME	HUMAN GENETICS AND PALEONTOLOGY [SET-A]	SUBJECT CODE	EDH411 - T
BRANCH	Education	SESSION	Morning
TIME	3HR	MAX. MARKS	80
PROGRAM	B.Sc. B.Ed.	CREDITS	
NAME OF FACULTY	Ms. Diksha Dhawan	NAME OF COURSE COORDINATOR	Ms. Diksha Dhawan

**INSTRUCTIONS: All questions are compulsory. Internal choices are provided in Section C.**

**SECTION A (2\*5=10 MARKS)**

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
PART - A	1(A) Differentiate between sympatric and allopatric speciation.	2	CO3	BT2	
	1(B) What are Sex Mosaics in Drosophila?	2	CO1	BT1	
	1(C) Name some organisms residing in the Ethiopian and Neartic region.	2	CO3	BT1	
	1(D) Distinguish between casts and mould fossils.	2	CO3	BT2	
	1(E) Discuss the role of eugenics in disease management.	2	CO2	BT2	

**SECTION B (5\*2=10marks)**

PART - B	Q2	Define Karyotyping and discuss its importance in disease identification with suitable examples.	5	CO1	BT1	
	Q3	Give a brief account on the somatic nuclear transplantation method.	5	CO2	BT2	

**SECTION C (Attempt any 4. Each one carries 5marks each.) (4\*5=20 marks)**

PART - C	Q4	Write short notes on any FOUR of the following: 1. Recombinant DNA Vaccines. 2. Fossil and Fossilization. 3. Retroviral method.	4*5=20	CO1 CO2	BT3	
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P A R T - D	C	4. Genetic screening and counselling. 5. Geological time scale. 6. Chromosomal Banding. 7. Zoogeographical realms.		CO3		
	SECTION D (10*4=40marks)					
	Q6	Illustrate with suitable examples the role of transgenic animal technology in the production of Recombinant DNA medicines.	10	CO1	BT4	
	Q7	Explain the role played by chromosomes in sex determination with suitable examples.	10	CO2	BT3	
	Q8	Give an account of the paleontological history of humans.	10	CO3	BT2	
	Q9	Discuss about the molecular techniques used for the diagnosis of genetic diseases.	10	CO1	BT2	
***** END *****						

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MANAV RACHNA  
(Vidyamata Isha)

MANAV RACHNA  
UNIVERSITY

FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING  
NAAC ACCREDITED A GRADE INSTITUTION

Declared as State Private University under section 21 of the UGC act, 1956

## DEPARTMENT OF PHYSICS

"T3 Examination, December-2021"

**Semester:** 7<sup>th</sup>

**Subject:** Nuclear and Solid State Physics

**Course Type:** Core

**Time:** 3 hrs

**Program:** B. Sc. B. Ed.

**Date of Exam:** 10/12/2021

**Subject Code:** PHH433T

**Course Nature:** Hard

**Max.Marks:** 80

**Session:** I

*Note: All questions are compulsory.*

- Q1. (i) Draw the following planes in Simple cubic lattice: (100), (101), (111) and (201). (4)
- (ii) Obtain the Miller indices of a plane, which intercept at  $a$ ,  $b/2$ ,  $3c$  in a simple cubic unit cell. (4)
- (iii) Lead is face centered cubic with atomic radius of  $r = 1.746 \text{ \AA}$ . Find the inter-planer spacing of (200), (220) and (111) plane. (4)
- (iv) Discuss the Meissner effect in brief. (4)
- (v) In a tetragonal lattice  $a=b=2.5 \text{ \AA}$  and  $c=1.8 \text{ \AA}$  deduce lattice spacing between (111) planes. (4)
- Q2. Define the mass defect and binding energy of a nucleus. Derive binding energy equation. (10)
- Q3. Prove that the mean life Time ( $\bar{T}$ ) of a radioactive atom is equal to the reciprocal of its disintegration constant. (10)
- Q4. Discuss the hexagonal closed packed (hcp) structure and hence to determine its atomic packing fraction. Prove that the  $c/a$  ratio for an ideal hcp is  $\sqrt{8/3}$ . (10)
- Q5. What is superconductivity? Discuss the temperature dependence of resistivity in superconducting materials. (10)
- Q6. Show that the Hall coefficient is independent of the applied magnetic field and is inversely proportional to current density and electronic charge. (20)





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**DEPARTMENT OF Education and Humanities**  
"T3 Examination, December-2021"

*Rachna*

SEMESTER	VII <sup>th</sup>	DATE OF EXAM	10.12.21
SUBJECT NAME	Biochemistry, Plant tissue culture and Biotechnology (SET B)	SUBJECT CODE	EDH410 - T
BRANCH	B.Sc B.Ed	SESSION	Morning (I)
TIME	09:00-12:00 PM	MAX. MARKS	80
PROGRAM	B.Sc B.Ed	CREDITS	4
NAME OF FACULTY	Dr. Pooja Parmar	NAME OF COURSE COORDINATOR	Dr. Pooja Parmar

PART A (Attempt any four) 4×5=20 Marks					
Q.NO.	QUESTIONS		MARKS	CO ADDRESSED	BLOOM'S LEVEL
PART-A	Q1	Enlist important applications of plant tissue culture techniques in reference to haploid, and diploid culture.	5	CO1	BT2
	Q2	Which hormones play important role in callus differentiation and how?	5	CO2	BT3
	Q3	Draw a well labelled diagram to show developmental stages of hybrid embryo. Using protoplasts. Explain the process in detail.	5	CO1	BT2
	Q4	Explain the functioning of HEPA filter and autoclave.	5	CO2	BT4
	Q5	How protoplast isolation is important in generation of hybrids?	5	CO2	BT3
PART B 3×10=30 Marks Attempt any three					
PART B	Q6	A reaction mixture containing enzyme and substrate is kept at three different pH 2, pH 5	10	CO4	BT3

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	and pH 13.5. How do you expect that the pH are going to affect the function of enzymes and Why?			
Q7	Why <i>A tumefaciens</i> is used as a tool to transfer genes in plant? Explain the process in detail.	10	CO3	BT4
Q8	How are you going to select a gene insert host? Explain giving example.	10	CO3	BT2
Q9	What are interferons? Why are they considered important?	10	CO3	BT1, BT2
<b>PART C 3×10=30 Marks</b> Attempt any three				
Q10	Name the technique which can be used for amplification of RNA. Explain the process in detail.	10	CO4	BT3
Q11	Which elements are called jumping genes and why? Explain different categories giving examples.	10	CO3	BT1, BT4
Q12	Name the genes modified for generation of following transgenic plants a. Vitamin A rich rice b. Insect resistant cotton c. Flavr Savr d. Virus resistant e. Golden rice	10	CO4	BT3
Q13	Differentiate between cDNA and genomic library.	10	CO4	BT4



DEPARTMENT OF MATHEMATICS

"T3 Examination, December-2021"

SEMESTER	VII	DATE OF EXAM	13-12-2021
SUBJECT NAME	Linear Algebra	SUBJECT CODE	MAH453T
RANCH	MATHEMATICS	SESSION	I
TIME	9:00 AM-12:00 NOON	MAX. MARKS	80
PROGRAM	B.Sc. B.Ed.	CREDITS	4
NAME OF FACULTY	Dr. Kamlesh Kumar	NAME OF COURSE COORDINATOR	Dr. Kamlesh Kumar

Note: All questions are compulsory.

Q.NO.	QUESTIONS	MARKS	CO ADDRESS ED	BLOOM'S LEVEL
PART-A	1(A) Test whether the set of vectors $(1, 0, -1)$ , $(2, 5, 1)$ , $(0, -4, 3)$ in $\mathbb{R}^3$ is linearly independent.	5	CO1	BT2
	(B) Show that the set $W = \{(x, y): 2x + 3y = 0\}$ is subspace of $\mathbb{R}^3$ .	5	CO1	BT2
	(C) Prove that $T: \mathbb{R}^3 \rightarrow \mathbb{R}^3$ be a linear transformation defined by $T(x, y, z) = (x - y, x + y, z)$ is a linear transformation.	5	CO2	BT2
	(D) Find the orthogonal basis using the Gram Schmidt process to given subset $S = \{(1, 0, 1), (0, 1, 1), (1, 1, 0)\}$ of the standard inner product space $\mathbb{R}^3$ .	5	CO2	BT2
PART-B	2(A) Let $T: \mathbb{R}^3 \rightarrow \mathbb{R}^2$ be a linear transformation defined by $T(x, y, z) = (x - y, 2z)$ . Verify the rank-nullity theorem for $T$ .	10	CO3	BT3
	(B) Let $T: V_1 \rightarrow V_2$ be a linear transformation then show that $\text{Ker } T = \{0\}$ if and only if $T$ is one one.	10	CO3	BT3
	(C) Suppose $T: \mathbb{R}^2 \rightarrow \mathbb{R}^3$ be a linear transformation defined by $T(x, y) = (x + 3y, 2x + 5y, 7x + 9y)$ . Find the matrix $[T]_{\mathbb{R}^3}^{\mathbb{R}^2}$ of $T$ with respect to the standard bases of $\mathbb{R}^2$ and $\mathbb{R}^3$ .	10	CO3	BT3



3(A)	<p>Determine all solutions of the following system of equations in <math>\mathbb{R}</math></p> $\begin{aligned}x + 2y - z &= -1 \\2x - y + z &= 9 \\x - 4z &= -5\end{aligned}$	10	CO4	BT4
(B)	<p>Check whether the following matrix over the field of real number <math>\mathbb{R}</math> is diagonalizable or not by finding the basis of eigen vectors.</p> $\begin{pmatrix} 1 & 1 & 0 \\ 0 & 2 & 2 \\ 0 & 0 & 3 \end{pmatrix}$	10	CO4	BT4
(C)	<p>Let <math>A = \begin{pmatrix} 4 &amp; 0 &amp; 1 \\ 2 &amp; 3 &amp; 2 \\ 1 &amp; 0 &amp; 4 \end{pmatrix}</math> be a matrix of order <math>3 \times 3</math> over <math>\mathbb{R}</math>. Find the characteristic polynomial of <math>A</math>. Check whether the matrix <math>A</math> is diagonalizable or not with the concept of algebraic multiplicity and geometric multiplicity of eigen values:</p>	10	CO4	BT4

DEPARTMENT OF Education and Humanities

"T3 Examination, DEC -2021"

SEMESTER	7 <sup>th</sup>	DATE OF EXAM	13.12.2021
SUBJECT NAME	MOLECULAR BIOLOGY AND IMMUNOLOGY	SUBJECT CODE	EDH402
BRANCH	Education	SESSION	Afternoon
TIME	09.00AM-12.00NOON	MAX. MARKS	80
PROGRAM	B.Sc B.Ed	CREDITS	4
NAME OF FACULTY	Ms.Vandana Nandal	NAME OF COURSE COORDINATOR	Ms. Vandana Nandal

Note: All questions are compulsory

Part A: 10\*2=20 Marks

Part B: 2\*10=20 Marks

Part C: 4\*10=40 marks

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	P1
PART-A	1(A) What is the role of cytokines in immune system?	2	CO4	BT2	
	1(B) Explain the terms adjuvants and haptens.	2	CO3	BT1	
	1(C) What is the difference between immunogenicity and antigenicity?	2	CO3	BT3	
	1(D) Differentiate between T <sub>H</sub> and T <sub>H</sub> cells.	2	CO3	BT1	
	1(E) Explain how tumor cells skip host defense mechanism.	2	CO4	BT2	
	1(F) What are three lines of defense and explain how they respond to the pathogen?	2	CO3	BT1	
	1(G) What are toxoid vaccines and how they are synthesized?	2	CO4	BT1	

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PART-B	1(H)	List four auto immune disorders.	2	CO4	BT4
	1(I)	What do you understand by the term Humoral immunity?	2	CO3	BT1
	1(I)	Explain the process of maturation of T cells.	2	CO4	BT2
	Q2(A)	What are three major differences between Euchromatin and Heterochromatin and what is the significance of these differences?	5	CO1	BT4
	2(B)	What are the various models of DNA replication? Explain rolling circle model.	5	CO1	BT2,BT3
	Q3(A)	Enlist the transcription factors of prokaryotic system and explain the process of transcription with flow diagram.	5	CO2	BT5
	3(B)	Eukaryotic cells have definite mechanism of translation regulation. Detail the process.	5	CO2	BT4
	Q4(A)	What are the differences between innate and acquired immunity?	5	CO3	BT4
	4(B)	Explain the structure of IgE and IgM.	5	CO3	BT2
	Q5(A)	What are MALT, GALT and CALT?	5	CO3	BT2
PART-C	5(B)	Describe the nature and function of Secondary lymphoid organs.	5	CO3	BT3
	Q6(A)	Describe the type of cytokines based on their activity giving suitable examples.	5	CO4	BT5
	6(B)	Explain the synthesis of recombinant vaccinia vector vaccine.	5	CO4	BT4
	Q7(A)	Describe autoimmune diseases with example	5	CO4	BT3
	7(B)	Write a short note on Type 3 and Type-4 Hypersensitivity.	5	CO4	BT3, BT 2



DEPARTMENT OF EDUCATION AND HUMANITIES  
"T3 Examination, Dec-2021"

*[Signature]*

SEMESTER	7	DATE OF EXAM	14.12.2021
SUBJECT NAME	Statistics(SET B)	SUBJECT CODE	EDH420- T
BRANCH	EDUCATION & HUMANITIES	SESSION	I
TIME	09.00AM-12.00 NOON	MAX. MARKS	80
PROGRAM	B.A. B.Ed.	CREDITS	04
NAME OF FACULTY	Ms. Kriti Dagar	NAME OF COURSE COORDINATOR	Ms. Kriti Dagar

ote: Part A: All questions are compulsory. Each question will be 2 Marks.

Part B: Attempt any 2 out of 3 each question will be 5 marks.

Part C: Attempt any 3 out of 4 each question will be 10 marks.

Part D: Attempt any 3 out of 4 each question will be 10 marks

Q.NO.	QUESTIONS	MARKS	CO ADDRESSED	BLOOM'S LEVEL	PI
1	Define Regression.	02	CO1	BT1	
2	Classify the nature of the following (positive, negative or no correlation) (i) Sale of woolen garments and day temperature (ii) Color of the saree and intelligence of the lady wearing it (iii) Amount of rainfall and crop yield (iv) Family income and expenditure on luxury items	02	CO1	BT2	
3	Describe the method of "Simple Random Sampling"	02	CO1	BT2	
4	State two limitations of Sampling.	02	CO2	BT1	
5	Discuss any two reasons which cause Sampling errors.	02	CO2	BT2	

PART-B	6	Test the following data to find the value of $x$ <table><tr><th>Numbers (X)</th><th>Frequency(f)</th></tr><tr><td>3.2</td><td><math>x</math></td></tr><tr><td>5.8</td><td><math>x+2</math></td></tr><tr><td>7.9</td><td><math>x-3</math></td></tr><tr><td>4.5</td><td><math>x+6</math></td></tr></table>	Numbers (X)	Frequency(f)	3.2	$x$	5.8	$x+2$	7.9	$x-3$	4.5	$x+6$	05	CO3	BT4				
	Numbers (X)	Frequency(f)																	
	3.2	$x$																	
	5.8	$x+2$																	
	7.9	$x-3$																	
4.5	$x+6$																		
7	Distinguish between Mean Deviation and Standard Deviation.	05	CO3	BT4															
8	Analyze the methods of selecting a Simple Random Sample.	05	CO4	BT4															
PART-C	9	Critically examine the methods of probability sampling and non-probability sampling.	10	CO5	BT5														
	10	Investigate the advantages of Census method over the Sample Enumeration method.	10	CO5	BT6														
	11	"The observed value of correlation coefficient 'r' ranges from +1 to -1 and may lie outside this range too". Critique this statement.	10	CO5	BT5														
	12	Formulate the regression equation of (i) y on x and (ii) x on y, from the given data <table><tr><th>x</th><th>y</th></tr><tr><td>3</td><td>2</td></tr><tr><td>5</td><td>3</td></tr><tr><td>6</td><td>4</td></tr><tr><td>8</td><td>6</td></tr><tr><td>9</td><td>5</td></tr><tr><td>11</td><td>8</td></tr></table>	x	y	3	2	5	3	6	4	8	6	9	5	11	8	10	CO5	BT6
	x	y																	
	3	2																	
5	3																		
6	4																		
8	6																		
9	5																		
11	8																		
13	Critically analyze the inconsistency in the following statement, "The regression equation of y on x is $2y + 3x = 4$ and correlation coefficient between x and y is 0.8"	10	CO5	BT5															
14	Formulate any two theorems on Regression Coefficients with the derivation.	10	CO6	BT6															
PART-D	15	Differentiate between Simple Random Sampling and Purposive Sampling	10	CO5	BT4														
	16	Develop an argument for or against the statement, "Greater the value of correlation coefficient the better will be the estimates as obtained through regression analysis."	10	CO6	BT5														

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**DEPARTMENT OF EDUCATION AND HUMANITIES**

"T3 Examination, Dec-2021"

*Page 1*

SEMESTER	III/ VII	DATE OF EXAM	08.12.2021
SUBJECT NAME	School Leadership and Management	SUBJECT CODE	EDS 236
BRANCH	Education and Humanities	SESSION	I
TIME	09.00AM-10:30 AM	MAX. MARKS	40
PROGRAM	B.Ed/ B.Sc.B.Ed/B.A.B.Ed	CREDITS	2
NAME OF FACULTY	Ms Ridhi Khanna	NAME OF COURSE COORDINATOR	Ms Ridhi Khanna

*Note: Attempt all questions from PART A,B,C and D*

Q.NO.	QUESTIONS	MARKS	CO ADDRESS ED	BLOOM'S LEVEL	PI
<b>PART-A</b>	Q1 "Management is doing things right and Leadership is doing right things." Conclude a differentiation between management and leadership.	5	CO1	BT3	
	Q2 Explain different Leadership and Management Theories	5	CO1	BT2	
<b>PART-B</b>	Q3 " Without strong visionary leadership, no strategy will be executed effectively". Comment on it. Distinguish between transactional leadership and transformational leadership	2+3	CO2, CO3	BT4	
	Q4 Explain Goleman 's 6 leadership styles?	5	CO4	BT2	
<b>PART-C</b>	Q5 Elaborate on different method of Training	5	CO4	BT3	
	Q6 Explain the selection process in HRM	5	CO5	BT2	
<b>PART-D</b>	Q7 Every day bring a choice: to practice stress or to practice peace". Reflect on statement and list out strategies to manage stress.	5	CO6	BT5	
	Q8 Comment on. " Conflict is the beginning of Conciousness". Explain the different Conflict management Style?	2+3	CO4, CO6	BT4	



*Rare*

DEPARTMENT OF EDUCATION AND HUMANITIES

ODD SEMESTER (JUL-DEC-2021)

T3 QUESTION PAPER STRUCTURE (QPS)

FACULTY NAME: Dr Ritu Sharma			NAME OF COURSE COORDINATOR: Dr Ritu Sharma		
COURSE NAME: Guidance and Counselling	COURSE CODE: EDS221	CREDIT: 2	MAX. MARKS: 40	DURATION: 1 Hour 30 minutes	DATE: 8.12.2021
PROGRAM: B Ed		SEMESTER: III		Session I	

Q.No.	QUESTIONS: Attempt two questions from each section.			MARKS	CO ADDRESSED	BLOOM'S LEVEL	PT
P A R T - A	1(A)	Outline the differences between guidance and counselling		5	CO1	BT2	
	1(B)	Define educational counselling. What is the importance of the same for secondary school students?		5	CO2	BT5	
	1(C)	What are the different types of counselling? Which one is the best according to you?		5	CO4	BT6	
P A R T - B	Q2(A)	Highlight the importance of counselling skills.		5	CO4	BT2	
	2(B)	Evaluate the qualities that a teacher must have to be a good counsellor.		5	CO2	BT3	
	Q2(C)	Define student portfolio. Examine the relevance of the same in counselling.		5	CO1	BT4	
P A R T - C	Q3(A)	Outline the features of humanistic approach of counselling.		5	CO6	BT4	
	Q3(B)	Discuss the ways in which counselling can be provided to students facing emotional problems.		5	CO4	BT5	
	Q3(C)	It is more difficult to counsel students who are gifted than the differently abled. Do you agree? Justify		5	CO3	BT6	
P A R T - D	Q4(A)	Assess the role of testing tools for counselling in helping students with learning issues?		5	CO5	BT5	
	Q4(B)	Examine how parents can collaborate with teachers in counselling students.		5	CO3	BT3	
	Q4(C)	Highlight the role of psychologist in the counselling process.		5	CO2	BT3	