

Meerut Institute of Engineering and Technology, Meerut

Analysis of Topic-wise Questions appeared in AKTU End Sem Exams  
(Prepare such important 30 topics per subject - and prepare the Notes  
and questions for assignment (two sets of Assignment Questions- each of 2-3 questions) from these 30 topics)

Subject Code : KVE301		Subject Name : UNIVERSAL HUMAN VALUES		Taught in / ASKED IN :		II year (All branches)	
S. No.	Topic	Q. No.	Question (Statement) - appeared in AKTU End Sem Exams	Year and Sem (Odd / Even)	Marks	Remarks	
1	VALUE EDUCATION	1	What are The Basic Guidelines For Value Education?	2014-15 (EVEN) 2021-22 (EVEN)	4	10	IMPORTANT
		2	Illustrate the content of value education.	2014-15 (EVEN)	4		IMPORTANT
		3	Describe the process of value education.	2020-21(ODD)	7		IMPORTANT
		4	What is value education? Why is there a need of value education in today's scenario?	2021-22 (ODD)	10		IMPORTANT
		4	List four dimensions and four levels of living or human being.	2020-21 (ODD), 2021-22 (ODD & EVEN)	2		IMPORTANT
		5	Discuss the need, basic guidelines, content and process of value education.	2020-21(ODD)	7		IMPORTANT
2	SELF EXPLORATION	1	What Is Self Exploration? Explain The Process & Purpose Of Self Exploration.	2020-21 (ODD) 2021-22 (ODD & EVEN)	7	10	IMPORTANT
		3	Explain the concepts of natural acceptance and experiential validation as the mechanisms of self exploration.	2019-20 (EVEN)	2		IMPORTANT
		4	What is experiential validation?	2019-20 (ODD)	2		IMPORTANT
		5	What do you understand by the terms" Swatva, Swatantrata and Swarajya"?	2019-20 (ODD)	2		IMPORTANT
3	BASIC HUMAN ASPIRATION	1	What Are Basic Human Aspirations? What Is The Program For Fulfillment Of Basic Human Aspirations?	2019-20 (ODD)	10		IMPORTANT
			What is meant by continuity of happiness? How is it related to harmony at every level of our being?	2014-15 (EVEN)	4		IMPORTANT
		2	There Are Many Problems Observed Today At The Level Of Individual, Family, And Society & Nature/Existence Due To Gross Misunderstanding About Happiness. Identify Some Of These Problems With Their Root Cause And Consequences.	2019-20 (ODD)	10		IMPORTANT
		3	How assumption-"Human being= Body" leads to feeling of deprivation?	2021-22 (ODD)	10		IMPORTANT
		4	What Is Prosperity? How Can We Become Prosperous? What Are The Characteristics Of A Prosperous Family?	2020-21 (ODD) 2016-17 (EVEN)	2	10	IMPORTANT
		5	What is the difference between animal consciousness and human consciousness? How does the transformation take place in a human being?	2021-22 (ODD)	10		IMPORTANT
		6	What is the role of physical facility in the fulfillment of relationship?	2021-22 (EVEN) 2021-22 (ODD)	2	10	IMPORTANT
		7	Differentiate between prosperity and wealth.	2016-17 (EVEN)	2		IMPORTANT
4	HUMAN BEING AS CO-EXISTENCE OF SELF AND BODY	8	Define SVDD, SSDD & SSSS.	2016-17 (EVEN)	2		IMPORTANT
		1	'Human being is the co-existence of the Self and the Body' – Explain this statement taking yourself as an example.	2016-17 (EVEN)	10		IMPORTANT
		2	Differentiate between the needs and activities of self and the needs of body.	2014-15 (EVEN) 2020-21 (ODD) 20 (ODD) 2019-	4	7	10 IMPORTANT
		3	Self (I) is seer, doer and enjoyer. The body is just as an instrument of Self (I) – Explain.	2016-17 (EVEN)	10		IMPORTANT
		1	Explain the activities of imaging, analyzing and selecting/ tasting with a diagram. With the help of an example, show how are they related.	2018-19 (ODD)	7		IMPORTANT
		2	Explain with examples, the definite and indefinite response of Self.	2021-22 (ODD)	10		IMPORTANT
		3	Describe the activities of imagination in Self. Justify how the imagination in self gets enslaved with lack of right understanding? Explain each with few examples	2021-22 (EVEN)	10		IMPORTANT
		4	Distinguish between the response of self and body giving any two examples	2021-22 (EVEN)	10		IMPORTANT

5	ACTIVITIES OF SELF	5	Explain the activities of knowing, assuming, recognizing and fulfillment with one examples.	ODD/EVEN SECOND YEAR		IMPORTANT
		6	What are the problems that we are facing today because of operating on the basis of pre- conditioned desires and sensation?	ODD/EVEN SECOND YEAR		IMPORTANT
		7	List the three sources of imagination in self and illustrate with examples. With a diagram explain harmony in self.	2020-21 (ODD)	7	IMPORTANT
		8	What do you mean by pre-conditioning? Give one example	2020-21 (ODD) 2018-19 (EVEN)	2	IMPORTANT
6	SWASTHYA- SANYAMA	1	What do you mean by the terms Swasthya (Health) and sanyama? How does the feeling of sanyam ensure health of the body?	2015-16 (EVEN)	5	IMPORTANT
		2	What is our present attitude towards the body? What are its consequences?	ODD/EVEN SECOND YEAR		IMPORTANT
		3	Explain the meaning of self regulation (sanyama) and describe the program in living based on self regulation. OR Explain the meaning of self regulation (sanyama) and describe the program of self regulation (sanyama) to ensure health of the body.	2020-21(ODD)	7	IMPORTANT
7	HARMONY IN FAMILY	1	What is the role of value system in family harmony?	ODD/EVEN SECOND YEAR		IMPORTANT
		2	What is foundation value and complete values in relationship? OR Prove that trust is foundation value and love is complete value	2021-22 (ODD) 2019-20 (ODD)	2 10	IMPORTANT
		3	Enumerate the important values (feelings) which lie at the base of good relationships. Explain all 9 feelings in detail.	2014-15 (EVEN)	4	IMPORTANT
		4	Define affection. How does affection leads to harmony in family?	2021-22 (ODD)	10	IMPORTANT
		5	Distinguish between working for excellence and working for competition.	2021-22 (ODD)	2	IMPORTANT
		6	Distinguish between glory, gratitude, reverence and love. Give examples to illustrate	2020-21 (ODD)	7	IMPORTANT
		7	What are the differences between sanyama and care?	2019-20 (ODD)	2	IMPORTANT
8	FEELING OF RESPECT	1	What do you mean by differentiation in relationship? What are the issues on which differentiation in relationship in prevalent in the society?	2019-20 (ODD)	10	IMPORTANT
		2	Describe the complete meaning of respect. Illustrate how respect leads to complementarity in relationship with few examples	2021-22 (EVEN)	10	IMPORTANT
		3	What are the various forms of wrong evaluation (disrespect)?	2020-21 (ODD) 2021-22 (ODD & EVEN)	7 2	IMPORTANT
		4	Distinguish between respect and disrespect. Which of the two is naturally acceptable to you?	2016-17 (EVEN)	10	IMPORTANT
9	FEELING OF TRUST	1	What do you understand by trust? Differentiate between intention and competence with examples.	2020-21 (ODD)	7	IMPORTANT
		2	How can I trust a stranger? Clarify.	ODD/EVEN SECOND YEAR		IMPORTANT
		3	How is trust "the foundation value" of relationship?	2019-20 (ODD)	2	IMPORTANT
10	JUSTICE & UNDIVIDED SOCIETY	1	What is justice? How does it lead to mutual happiness?	2014-15 (EVEN)	4	IMPORTANT
		2	What is justice in human relationship? How does it follow from family to world family? Or Discuss the concept of Undivided Human Society in detail.	2019-20 (ODDD)	10	IMPORTANT
11	COMPREHENSIVE HUMAN GOAL	1	What do you mean by comprehensive human goal? Explain. How is it related to your goal in life?	2021-22 (EVEN)	10	IMPORTANT
		2	What is the building block of harmony in society?	2021-22 (ODD)	10	IMPORTANT
		3	List out five dimensions of human order OR Discuss the Five Dimensions of human order as a program to fulfill Comprehensive Human Goal.	2021-22 (EVEN)	2	IMPORTANT

12	UNIVERSAL HUMAN ORDER	1	Describe the concept of Universal Human Order	2018-19 (ODD)	7	IMPORTANT
		2	How human conduct, education, constitution and order are related? How do they ensure human tradition? Explain with reference to present state of society.	2021-22 (EVEN)	10	IMPORTANT
		3	Describe the concept of an undivided society and the universal order and explain how both these can help to create a world family.	2019-20 (ODD)	10	IMPORTANT
		4	Describe in detail the term holistic approach and universal human order.	2021-22 (ODD)	10	IMPORTANT
13	HARMONY IN NATURE	1	What is nature? What are the 4 orders of nature?	2020-21 (ODD), 2021-22 (ODD)	2	IMPORTANT
		2	What is recyclability and self regulation in nature?	2021-22 (ODD) 2019-20 (ODD)	2 10	IMPORTANT
		3	Define harmony in nature and why is it important. Explain with examples.	2014-15 (EVEN)	4	IMPORTANT
14	INTERCONNECTEDNESS AMONG ALL FOUR ORDERS IN NATURE	1	Suggest ways to enhance the fulfillment of human order with other three orders. Mention any 2 programs you can undertake in light of the above.	2019-20 (ODD)	10	IMPORTANT
		2	Material, pranic and animal order are fulfilling human order but human are not fulfilling them. There is lack of mutual fulfilment from human order. How and why is it so? OR	2021-22 (EVEN)	10	IMPORTANT
		3	Distinguish between the four orders of nature giving examples of each. Evaluate how are they mutual fulfilling			IMPORTANT
		4	What are the four orders in nature? How can the human order be responsible to the other three orders? Describe the dependency of human beings on other three orders in nature.	2014-15 (EVEN) 2021-22 (ODD)	4 10	IMPORTANT
		5	Explain 4 orders in nature. How are they interlinked to one another.	2015-16 (EVEN)	5	IMPORTANT
15	CONFORMANCE	1	What do you mean by 'conformance'? Explain the conformance in the four orders.			IMPORTANT
		2	What is sanskaar? Explain its effects or the conformance of the human order.	2014-15 (EVEN)	4	IMPORTANT
16	INNATENESS OF FOUR ORDERS IN NATURE	1	What do you mean by 'innateness'? What is the innateness in the four orders?	2020-21 (ODD)	7	IMPORTANT
		2	What do you understand by the term 'innateness' (dhaarna) in nature? Explain the innatenss of material and animal order in nature.	2018-19 (EVEN)	7	IMPORTANT
17	NATURAL CHARACTERISTIC OF FOUR ORDERS IN NATURE	1	Explain the natural characteristics of the material and pranic orders. Give examples.	2018-19 (EVEN)	7	IMPORTANT
		2	Explain the natural characteristics of the animal and human order. Give examples.	ODD/EVEN SECOND YEAR		IMPORTANT
		3	What is the natural characteristics (swabhava) of human order? Explain.	ODD/EVEN SECOND YEAR		IMPORTANT
		4	Explain the natural characteristic and innateness of all 4 orders in nature	2020-21 (ODD)	7	IMPORTANT
18	ACTIVITY OF ALL 4 ORDERS IN NATURE	1	How is the activity in human order is different with that of animal and plant order?	ODD/EVEN SECOND YEAR		IMPORTANT
		2	What do you understand by 'activity'? Write down the activity of the four orders in nature.	ODD/EVEN SECOND YEAR		IMPORTANT
		3	Distinguish between the activities of different orders of nature giving an example of each.	2016-17 (EVEN)	10	IMPORTANT
		4	Explain the activities of animal order.	2021-22 (ODD)	10	IMPORTANT
19	PRANIC, ANIMAL ORDER AND HUMAN ORDER	1	Explain the difference between pranic order and animal order. What is the relation between the two orders?	ODD/EVEN SECOND YEAR		IMPORTANT
		2	Explain the differences and similarities between animal order and human order. What is the relation between the two orders?	ODD/EVEN SECOND YEAR		IMPORTANT
		3	Explain the similarities between pranic order and animal order. What is the relation between the two orders?	ODD/EVEN SECOND YEAR		IMPORTANT
20	BASIC ACTIVITY OF ALL 4 ORDERS IN NATURE	1	Explain the basic activity in the four orders in nature.	2016-17 (EVEN)	10	IMPORTANT
		2	Explain the similarities between the basic activities of material and pranic order	ODD/EVEN SECOND YEAR		IMPORTANT
21	EXISTENCE	1	Comment on the statement: "Nature is limited and space is unlimited."	ODD/EVEN SECOND YEAR		IMPORTANT
		2	Define existence? Show that existence is in a form of co-existence.	ODD/EVEN SECOND YEAR		IMPORTANT
		3	Write short note on nature submerged in space	2019-20 (ODD)	2	IMPORTANT
		4	Existence is co-existence of mutually interacting units in all-pervasive space. Explain.	ODD/EVEN SECOND YEAR		IMPORTANT

22	UNITS AND SPACE	1	Differentiate between units and space. How are units self-organized in space?	ODD/EVEN SECOND YEAR		IMPORTANT
		2	How do unit and space co-exist?	2019-20 (ODD)	2	IMPORTANT
		3	What are the various attributes of units and space? Explain each.	ODD/EVEN SECOND YEAR		IMPORTANT
		4	What do you mean by co-existence? How are units in co-existence being in space?	ODD/EVEN SECOND YEAR		IMPORTANT
		5	Distinguish between a conscious unit and material unit	2020-21 (ODD)	2	IMPORTANT
23	DESIGN OF EXISTENCE	1	Explain the concept of holistic perception of harmony in existence.	ODD/EVEN SECOND YEAR		IMPORTANT
		2	Define the terms Gathansheel, Gathanpurna, Kriyapurnata and Acharanpurnata.	2018-19 (EVEN)	2	IMPORTANT
		3	Explain 'Existence is Gathansheel and Gathanpurna and also there is Kriyapurnata and Acharanpurnata in existence'.	ODD/EVEN SECOND YEAR		IMPORTANT
		4	Explain energized and energy in equilibrium.	ODD/EVEN SECOND YEAR		IMPORTANT
		5	Draw the complete chart of existence showing co-existence in the existence and the four orders of nature.	2020-21(ODD)	7	IMPORTANT
24	ETHICAL HUMAN CONDUCT	1	What is ethical human conduct? Or What is the complete meaning of ethical human conduct?	2020-21(ODD)	7	IMPORTANT
		2	What is ethical human conduct? Explain in terms of values, policies and character with appropriate examples.	201-15 (EVEN), 2021-22 (EVEN)	4 10	IMPORTANT
		3	What do you mean by definitiveness of ethical human conduct? How can it be ensured?	2019-20 (ODD)	10	IMPORTANT
25	VALUES	1	What are established values? Give examples	ODD/EVEN SECOND YEAR		IMPORTANT
		2	What are expressed values? Give examples	ODD/EVEN SECOND YEAR		IMPORTANT
		3	What do you mean by sukh, shanti, santosh and anand.	ODD/EVEN SECOND YEAR		IMPORTANT
		4	What do you mean by artistic and utility value? Give examples	2020-21 (ODD) 2021-22 (EVEN)	2	IMPORTANT
		5	Define value. List the Universal values at all 4 levels of living as discussed in this course. Or Discuss all the 30 values related to four levels of living.	ODD/EVEN SECOND YEAR	7	IMPORTANT
26	HOLISTIC TECHNOLOGY	1	What do you understand by holistic technology? Briefly explain.	201-15 (EVEN)	4	IMPORTANT
		2	Explain the term holistic technology. Take any two such examples from technologies developed in indian history and evaluate if they are holistic.	2021-22 (EVEN)	10	IMPORTANT
		3	Describe briefly the criteria for evaluation of holistic technology. Support your answer with an example.	2016-17 (EVEN)	10	IMPORTANT
27	EHICS	1	What do you mean by ethics?	2018-19 (ODD)	2	IMPORTANT
		2	What do you mean by professional ethics?	201-15 (EVEN)	2	IMPORTANT
28	PROFESSIONAL ETHICS	1	What do you mean by competence in professional ethics? Elaborate with examples.	2016-17 (EVEN)	10	IMPORTANT
		2	What are the salient features characterizing professional ethics. Discuss with few examples	2020-21 (ODD)	7	IMPORTANT
		3	Comment on Profession – in the light of comprehensive human goal	ODD/EVEN SECOND YEAR		IMPORTANT
		4	Give a critical review of the current management models in profession.	2019-20 (ODD)	7	IMPORTANT
		5	Discuss salient features of ethical competence	2021-22 (ODD)	10	IMPORTANT
		6	Discuss some of the prevailing approaches towards promotion of professional ethics and their inadequacy.	2020-21 (ODD)	7	IMPORTANT
29	ISSUES IN PROFESSIONAL ETHICS	1	Critically examine the issues in professional ethics in the current scenario. List any five unethical practices in profession today and the methods being tried to curb them.	ODD/EVEN SECOND YEAR		IMPORTANT
		2	What are the reasons of unethical practices in profession today? What is the real solution to the above problems? Give your opinion.	2021-22 (ODD)	7	IMPORTANT
		3	How to resolve current issues in professional ethics?	2021-22 (ODD)	10	IMPORTANT
30	UNETHICAL PRACTICES IN PROFESSION	1	Elaborate on any two practices that are unethical but still quite prevalent in profession today. Suggest few measures to solve the problems in a sustainable way.	2018-19 (EVEN)	7	IMPORTANT
		2	Mention some of the unethical practices in society today. How do the prevailing world views lead to such unethical practices?	2018-19 (ODD)	7	IMPORTANT

**FACULTY: Anupam Ratn , Astt. Professor, Applied Science Department**

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## Meerut Institute of Engineering and Technology, Meerut

### Question-paper Content Analysis : B Tech - I Year : 2021-22

*Consider those questions (for similarity analysis) for which - concept / formula used / procedure is similar.*

S. No.	Subject Name with Code	Content / Questions appearing in AKTU End Semester Exam's Question Paper (in terms of marks of AKTU Question Paper, considering choices)			
		Sessional- I	Sessional- II	Sessional-III	Imp. 30 Questions
B. Tech. – I Sem : 2021-22					
1	Physics (KAS101)				
2	Chemistry (KAS102)	32	49	86	107
3	Maths - I (KAS103)	22	30	30	32
4	Basic Electrical Engg. (KEE101)				
5	Prog. For Problem Solving (KCS101)				
B. Tech. – II Sem : 2021-22					
1	Physics (KAS201)				
2	Chemistry (KAS202)	42	32	96	132
3	Maths - II (KAS203)	10	24	52	32
4	Basic Electrical Engg. (KEE201)				
5	Prog. For Problem Solving (KCS201)				
6	Professional English (KAS204)				