Q 1. What do you mean by values or human values? What is value education? Why there is a need of value education? How does value education helps in fulfilling one's aspirations?

ANS. Character oriented education that instils basic values and ethnic values in one's psyche is called 'Value Based Education'. The subject that enables us to understand 'what is valuable' for human happinessis called value education. Value education is important to help everyone in improving the value system that he/she holds and puts it to use. Once, one has understood his/ her values in life he/she can examine and control the various choices he/she makes in his/ her life. Value education enables us to understand our needs and visualize our goals correctly and also helps to remove our confusions and contradictions and bring harmony at all levels. It also helps remove our confusions and contradictions and enables us to rightly utilize the technologicalinnovations.

Values form the basis for all our thoughts, behaviours and actions. Once we know what is valuable to us, these values becomes the basis, the anchor for our actions. We also need to understand the universality of various human values, because only then we can have a definite and common program for value education. Then only we can be assured of a happy and harmonious human society.

Q 2. Explain the process of value education.

ANS. The process for value education has to be that of <u>self-exploration</u>, <u>which includes two things:verification at the level of natural acceptance and experiential validation in living</u>. Self exploration is the process to find out what is valuable to me by investigating within myself, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. Various aspects of reality facilitating the understanding of human values will be presented as proposals. We need to verify these proposals for our self and examine our living in thislight.

Q 3. What are the basic guidelines for value education?

ANS. The subject that enables us to understand 'what is valuable' for human happiness is called value education. In order to qualify for any course on value education, the following guidelines for the content of the course are important:

- **Universal:** It needs to be applicable to all the human beings irrespective of cast, creed, nationalities, religion, etc., for all times andregions.
- **Rational:** It has to appeal to human reasoning. It has to be amenable to reasoning and not based on dogmas or blindbeliefs.
- Natural and verifiable: It has to be naturally acceptable to the human being who goes through the course and when we live on the basis of such values it leads to our happiness. It needs to be experientially verifiable, and not based on dogmas, beliefs or assumptions.
- All encompassing: Value education is aimed at transforming our consciousness and living. Hence, it needs to cover all the dimensions (thought, behaviour, work and realization) and levels (individual, family, society, nature and existence) of human life and profession.
- **Leading to harmony:** The value education ultimately is targeted to promote harmony within the individual, among human beings and withnature.

Q 4. What do you understand by the value of an entity? What is the value of a human being?

ANS. The value of any unit in this existence is <u>its participation in the larger order of which it is part</u> e.g. value of a pen is that it can write. Here writing is the participation of the pen in the bigger order in which pen, paper, human being, all are present. Value of an eye is that it can be used for seeing. Value of a vegetable plant is that it gives nutrition to animals and humans.

The value of human being is the participation of human being at different level in this order. The participation of the human being is seen in two forms: behaviour and work. The participation of human being pertaining to behaviour are the nine values in relationship, viz. trust, respect, affection, care, guidance, reverence, glory, gratitude and love. Likewise, working with material things, we have two values: utility value and artistic value. All these values are nothing but the participation of the human being in different dimensions ofliving.

Q 1. What is the need for value education? Write a short note on the need for value education in today's seenario.

ANS. The subject that enables us to understand 'what is valuable' for human happiness is called value education. Need for value education is:

- Correct identification of our aspirations. The subject which enables us to understand 'what is valuable' for human happiness is called 'value education' (VE). Thus, VE enables us to understand our needs and visualize our goals correctly and also indicate the direction for their fulfilment. It also helps to remove our confusions and contradictions and bring harmony at alllevels.
- Understanding universal human values to fulfil our aspirations in continuity. Values form the basis for all our thoughts, behaviours and actions. Once we know what is valuable to us, these values becomes the basis, the anchor for our actions. We also need to understand the universality of various human values, because only then we can have a definite and common program for value education. Then only we can be assured of a happy and harmonious humansociety.
- Complimentarity of values and skills. To fulfil our aspirations both values and skills are necessary. When we identify and set the right goals and produced in right direction. This is known as value domain, the domain of wisdom, and when we learn and practices to actualize this goal to develop the techniques to make this happen in real life, in various dimensions of human endeavour (struggle). This is known as domain of skills.

Hence, there is an essential complementarity between values and skills for the success of any human endeavour. For example, I want to lead a healthy life. Only wishing for good health will not help me keep my body fit and healthy and without having understood the meaning of health, I will not be able to choose things correctly to keep my body fit andhealthy.

- Evaluation of our beliefs. Each one of us believes in certain things and we base our values on these beliefs, be they false or true which may or may not be true in reality. These believes come to us from what we read, see, hear, what our parents tells us, our friends talk about, what the magazines talk of, what we see from TV etc. Value Education helps us to evaluate our beliefs and assumed values.
- Technology and human values. The present education system has become largely skill-based. The prime emphasis is on science and technology. However, science and technology can only help to provide the means to achieve what is considered valuable. It is not within the scope of science and technology to provide the competence of deciding what really is valuable. Value Education is a crucial missing link in the present education system. Because of this deficiency, most of our efforts may prove to be counterproductive and serious crises at the individual, societal and environmental level aremanifesting.

Q 2. What is the need for value education in technical and other professional institutions?

ANS. The subject that enables us to <u>understand</u> 'what is <u>valuable</u>' for <u>human happiness</u> is called value education. The present education system has become largely skill-based. The prime emphasis is on science and technology. However, science and technology can only help to <u>provide the means to achieve what isconsidered valuable</u>. It is not within the scope of science and technology to provide the competence of deciding what really is valuable. Value Education is a crucial missing link in the present education system. Because of this deficiency, most of our efforts may prove to be counterproductive and serious crises at the individual, societal and environmental level are manifesting.

Q 3. Illustrate the content of value education. What should be the content of value education to make it complete? How do values relate to our day to day living?

ANS. The subject that enables us to understand 'what is valuable' for human happiness is called value education. The scope of value education includes <u>all dimensions (thoughts, behaviour, work and realization)</u> and <u>all levels (individual, family, society and nature – existence)</u>. Accordingly, the content of value education will be to understand myself, my aspirations, my happiness; understand the goal of human life comprehensively, understand the other entities in nature, the innate inter-connectedness, the coexistence in the nature- existence and finally the role of human being in this nature/existence entirely. Hence, it has to encompass understanding of harmony at various levels and finally, learning to live in accordance with this understanding by being vigilant to one's thoughts, behaviour andwork.

Q 4. Values and skill complement each other. Elaborate. "For success in any Human Endeavour both values and skills are required." Explain. What do you mean by values? How do they differ from skills? How are values and skills complementary? Explain how production skills and human values are complementary. Give two examples.

ANS. Values means importance or participation and skills means qualities, training, and capabilities. To fulfil our aspirations both values and skills are necessary. When we identify and set the right goals and produced in right direction. This is known as <u>value domain</u>, the <u>domain of wisdom</u>. Basically we must know what really is useful to achieve human happiness, the happiness to all and for all the time.

And when we learn and practices to actualize this goal to develop the techniques to make this happen in real life, in various dimensions of human endeavour (struggle). This is known as <u>domain of skills</u>. Hence, there is an essential complementarity between values and skills for the success of any human endeavour.

For example, I want to lead a healthy life. Only wishing for good health will not help me keep my body fit and healthy and without having understood the meaning of health, I will not be able to choose things correctly to keep my body fit and healthy. So i have to learn the skills to achieve the goal of good health i.e. food to be consumed, the physical workout to be designed. So without knowing the meaning of good health, health cannot be achieved and also it is necessary to make use of the goal to achieve the goal of thegoal.

Q 1. Values and skill complement each other. Elaborate.

"For success in any Human Endeavour both values and skills are required." Explain.

What do you mean by values? How do they differ from skills? How are values and skill complementary? Explain how production skills and human values are complementary. Give two examples.

ANS. Values means importance or participation and skills means qualities, training, and capabilities. To fulfil our aspirations both values and skills are necessary. When we identify and set the right goals and produced in right direction. This is known as <u>value domain</u>, the <u>domain of wisdom</u>. Basically we must know what really is useful to achieve human happiness, the happiness to all and for all the time.

And when we learn and practices to actualize this goal to develop the techniques to make this happen in real life, in various dimensions of human endeavour (struggle). This is known as <u>domain of skills</u>. Hence, there is an essential complementarity between values and skills for the success of any human endeavour.

For example, I want to lead a healthy life. Only wishing for good health will not help me keep my body fit and healthy and without having understood the meaning of health, I will not be able to choose things correctly to keep my body fit and healthy. So i have to learn the skills to achieve the goal of good health i.e. food to be consumed, the physical workout to be designed. So without knowing the meaning of good health, health cannot be achieved and also it is necessary to make use of the goal to achieve the goal of thegoal.

Q 2. Define self exploration. What is the content of self – exploration?

ANS. Self exploration is the <u>process to find out what is valuable to me by investigating within myself</u>, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. We live with different entirety (family, friends, air, soil, water, trees, etc.) and we want to understand our relationship with all these. For this we need to start observinginside.

The main focus of self-exploration is myself - the human being. Content of self exploration is just finding answers to the following fundamental questions of all human beings:

- 1. **The Desire/Goal:** What is my (human) Desire/ Goal? What do I really want in life, or what is the goal of humanlife?
- 2. **Program:** What is my (human) program for fulfilling the desire? How to fulfil it? What is the program to actualize theabove?

In short, the above two questions cover the whole domain of human aspirations and human endeavour. Thus, they form the content of self- exploration.

Q 3. What do you mean by your natural acceptance and experiential validation?

ANS. Natural acceptance is a mechanism of self exploration. Self exploration is a method to explore ourself. Natural acceptance is process to understand ourself first. Natural acceptance implies <u>unconditional and totalacceptance of the self, people and environment</u>. It also refers to the absence of any exception from others. In other words, Natural acceptance is way to accept the good things naturally.

Experiential validation is a process that infuses direct experience with the learning environment andcontent. It may be regarded as a philosophy and methodology in which the direct experience and focused reflection of the individual helps to increase knowledge, develop skill and clarify values. Most of what we know about our self is not only through our own opinion of our self but also because of how others view us. When what we already believe to be true of us is validated by some situations, phenomena or outcomes. We may term it as experiential validation.

Q 4. Explain the process of self-exploration with a diagram.

"Process of self exploration leads to realization and understanding." Explain with example.

ANS. Self exploration is the process to find out what is valuable to me by investigating within myself, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. The process of self exploration is a follows:

First of all we have to keep in mind that, Whatever is being presented is a PROPOSAL.

- Don't assume it to be true immediately, nor reject it without properexploration.
- Verify it in your own right, on the basis of it being naturally
 - acceptable to you, o Not just on the basis ofscriptures
 - o Not on the basis of equipment/instrumentdata
 - o Not on the basis of the assertion by other humanbeings.

Therefore, it is essential to carefully ponder over these on your own right. Neither accept these as true immediately nor reject them prematurely without properexploration.

Don't just accept / reject these only on the basis of the following:

- Because something like this/ different from this, has been mentioned inscriptures,
- Or, because it has been preached/ denied by some greatmen,
- Or, a large number of people possess such a view / a different/view,
- Or it is claimed to have been verified through some physical instrument or, claimed that this is beyond the domain of verifiability by physicalinstruments.

Then what to do

- Verify on the basis of your natural acceptance
- Live accordingly to validate itexperientially
 - o If the proposal is true in behaviour with human leadsto mutual happiness
 - o If the proposal is true in work with rest of the nature leadsto mutual prosperity

Remember, it is a process of self- exploration, therefore, it has to be authenticated by us alone by means of verification at the level of natural acceptance and experiential validation. The process is shown in the diagram below:

But this process is not complete. It will be completed when on verification on the basis of natural acceptance and testing in our living ultimately results in 'realization' and 'understanding' in us.

- Verify on the basis of your natural acceptance
- Live accordingly to validate itexperientially
 - o If the proposal is true in behaviour with human leadsto mutual happiness

- o If the proposal is true in work with rest of the nature leadsto mutual prosperity
- Results in realization andunderstanding
- On having realization and

understanding we get

oAssurance

o SatisfactionUniversality (Applies to all time, space andindividual)

Take for example: a proposal- 'respect' is a value in human relation. When I verify at the level of natural acceptance, I find that it is naturally acceptable to me. Similarly, when I behave with respect, it is mutually fulfilling to me and to the other.

Thus the proposal is 'True'. If it fails on any of the two tests, it is untrue.

This verification leads to realization of the truthfulness of the proposal and it becomes part and parcel of my understanding. It is reflected in my thoughts and in my behaviour.

Q 1. What do you mean by self-exploration? What is the need for self-exploration?

What do you understand by self exploration? Where does it take place – self or body? (UPTU 2009-10)

Explain the concepts of natural acceptance and experiential validation as the mechanisms of self exploration.

What is the mechanism of self exploration? And as a result what do we get in the end and how? Nancy Goel, CS-A (2011)

ANS. Self exploration is the <u>process to find out what is valuable to me by investigating within myself</u>, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. For self exploration we need two expects:

- 1. **Natural acceptance**: Natural acceptance implies <u>unconditional and total acceptance of the self, people and environment</u>. It also refers to the absence of any exception from others. Once we fully and truly commit ourself on the basis of natural acceptance, we feel a holistic sense of inner harmony, tranquillity andfulfilment.
- 2. **Experiential validation**: Experiential validation is a <u>process that infuses direct experience with the learning environment and content</u>. It may be regarded as a philosophy and methodology in which the direct experience and focused reflection of the individual helps to increase knowledge, develop skill and clarifyvalues.

Self exploration takes place in the self and not the body.

Q 2. Illustrate the purpose of self exploration.

ANS. Self exploration is the process to find out what is valuable to me by investigating within myself, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. The purpose of self exploration is:

- **1. It is a process of dialogue between "what you are" and "what you really want to be":** It is a process of focusing attention on ourself, our present beliefs and aspirations vis-à-vis what we really want to be (that is to say, what is naturally acceptable to us). If these two are the same, then there is no problem. If on investigationwefindthatthesetwoarenotthesame, then it means we are living with this contradiction (of not being what we really want to be) and hence, we need to resolve this contradiction this conflict within us. It is a process of discovering that there is something innate, invariant and universal in all human beings. This enables us to look at our confusions and contradictions within and resolve them by becoming aware of our natural acceptance.
- **2.** It is a process of self evolution through self investigation: It successively enables us to evolve by bridging the gap between 'what we are' and 'what to be'. Hence, the self exploration leads to our own improvement, our self evolution we will become qualitatively better.
- **3.** It is a process of knowing oneself and through that, knowing the entire existence: The exploration starts by asking simple questions about ourself, which gives our clarity about our being, and then clarity about everything aroundus.
- **4.** It is a process of recognizing one's relationship with every unit in existence and fulfilling it: It is a process of becoming aware about our right relationship with other entities in existence and through that discovering the interconnectedness, co-existence and other in the entire existence, and livingaccordingly.
- **5.** It is a process of knowing human conduct, human character and living accordingly: It is a process of discovering the definitiveness of human conduct and human character and enabling one to be definite in thought, behaviour andwork.
- **6.** It is a process of being in harmony in oneself and in harmony with entire existence: This process of self exploration helps us to be in harmony with ourself and with everythingaround.
- **7.** It is a process of identifying our innateness and moving towards self organization and self expression: This process of self exploration helps us to identify our swatva and through that acquiring swantantrata andswarajya.

Swatva: Innateness of self – the natural acceptance of harmony

Swatantrata: Being self- organized – being in harmony with oneself

Swarajya: Self-expression, self- extension – living in harmony with others

Swatva Swatantrata Swarajya

The swatva is already there, intact in each one of us. By being in dialogue with it, we attain swantantrata enabling us to work for swarajya.

Q 3. What do you understand by the terms svatva, swatantrata and swarajya?

What is innateness (svatva), self organization (swatantrata) and self expression (swarajya)? How are they related to each other?

ANS. This process of self exploration helps us to identify our swatva and through that acquiring swantantrata andswarajya.

Swatva means <u>innateness of self – the natural acceptance of harmony</u>.

Swatantrata means being self- organized – being in harmony with oneself

Swarajya means self-expression, self- extension – living in harmony with others

Swatva Swatantrata Swarajya

The swatva is already there, intact in each one of us. By being in dialogue with it, we attain swantantrata enabling us to work for swarajya. Living in contradiction, means we are not self-organized and living with pre-conditionings where we have assumed certain things, have accumulated desires without having first evaluated them, then it means we are partantra. On the other hand, when we identify our innateness, what we really want to be and establish a dialogue with it, it enables us to start living with this harmony, it starts expressing itself through our harmonious behaviour and work, and it naturally extends to our participation with the surroundings. This is working towards swarajya.

Q 4. Self exploration is a process of dialogue between 'what you are' and 'what you really want to be'. Explain andillustrate.

ANS. Self exploration is the process to find out what is valuable to me by investigating within myself, what is right for me, true for me, has to be judged within myself. Through self exploration we get the value of ourself. It is a process of focusing attention on ourself, our present beliefs and aspirations vis-à-vis what we really want to be (that is to say, what is naturally acceptable to us). If these two are the same, then there is no problem. If on investigation we find that these two are not the same, then it means we are living with this contradiction (of not being what we really want to be) and hence, we need to resolve this contradiction this

conflict within us. It is a process of discovering that there is something innate, invariant and universal in all human beings. This enables us to look at our confusions and contradictions within and resolve them by becoming aware of our natural acceptance.

Q 5. How can we verify proposals on the basis of our natural acceptance? Explain with example. What do you mean by your natural acceptance? Is it innate, invariant and universal? Explain "Natural acceptance is innate, invariant and universal." Explain this statement with an example.

ANS. Natural acceptance implies <u>unconditional and total acceptance of the self, people and environment</u>. It also refers to the absence of any exception from others. Once we fully and truly commit ourself on the basis of natural acceptance, we feel a holistic sense of inner harmony, tranquillity and fulfilment. Actually natural acceptance is way to accept the good things naturally. Learn everything that is good from others, but bring it in, and in our own way absorb it; do not become others. We can easily verify proposals in the basis of characteristics of natural acceptance mentioned below:

- a. **Natural acceptance does not change with time**. It remains invariant with time. For example our natural acceptance for trust and respect does not change withage.
- b. **It does not depend on the place**. Whatever we have accepted, in our life, at any time of our age, does not change, even if we move from one place to anotherone.
- c. It does not depend on our beliefs or past conditionings. No matter how deep our belief or past conditioning, as long as we ask ourselves the question sincerely, as long as we refer deep within ourselves, the answer will always be thesame.
- d. This natural acceptance is 'constantly there', something we can refer to. Natural acceptance is always there. Whatever we do, this natural acceptance is within us, it is telling us what isright.
- e. Natural acceptance is the same for all of us: it is part and parcel of every human being, it is part of humanness. Though each one of us, may have different likes and dislikes and means to live and to react etc. but if we go deep in our mind the purpose of our work, behaviour, efforts etc. are based on common goals like need to be happy, need to be respected, need to get prosperity. So our basic acceptance remains thesame.

Q 17. What is happiness?

ANS. Happiness may be defined as being in harmony/synergy in the state/ situation that I live in. "A state or situation in which I live, if there is harmony in it then I like to be in that state / situation. The state of liking is happiness." Happiness is a state of mind or feeling characterized by contentment, love, satisfaction, pleasure or joy. Happiness may be described as consisting of positive emotions and positive activities. There may be three kinds of happiness: pleasure, engagement, and meaning. In other words, freedom from want and distress, consciousness of the good order of things, assurance of one's place in the universe or society, inner peace and so forth. Happiness is the state of mind, where we feel good in most of the walk oflife.

Q 18. What is the meaning of prosperity? How can you say that you are prosperous?

ANS. The <u>feeling of having or making available more than required physical facilities</u> is prosperity. Almost all of us feel that wealth alone means prosperity and try to explain this phenomenon on this nonexistent or half fact. We are trying to achieve happiness and prosperity by maximizing accumulation and consumption of physical facilities. It is becoming anti-ecological and anti-people, and threatening the human survival itself. For prosperity, two things are required-

- 1. Identification of the required quantity of physical facilities, and
- 2. Ensuring availability / production of more than required physicalfacilities.

We can be prosperous only if there is a limit to the need for physical facilities. If there is no limit what so ever be the availability the feeling of prosperity cannot be assured.

Secondly, just assessing the need is not enough. We need to be able to produce or make available more than the perceived need.

Q 19. What is the difference between prosperity and wealth? What is more acceptable to us and why? What do you understand by prosperity? What is the difference between prosperity and wealth? How are the two related? What is the meaning of prosperity? How does it differ from possession of wealth? Explain with examples. Differentiate between prosperity and wealth with examples.

ANS. Prosperity is a *feeling* of having more than required physical facilities, it is not just physical facilities. Almost all of us feel that wealth alone means prosperity and try to explain this phenomenon on this nonexistent or half fact. Wealth is a physical thing. It means having money, or having a lot of physical facilities or both. This is a very important distinction. We mostly fail to make this distinction today. We keep working for wealth, without realizing that the basic desire is for the feeling of prosperity, to have a *feeling* of having enough. Prosperity is more acceptable to us because wealth is just a part of prosperity. We are trying to achieve happiness and prosperity by maximizing accumulation and consumption of physical facilities. It is becoming anti-ecological and anti-people, and threatening the human survival itself. A peson have lot of money, but does not want to share even a bit of it. The person 'has wealth' but feels 'deprived'. If one felt prosperous he/she would have shared what one has, since there is lot more than enough wealth anyway.

Q 20. What is your present vision of a happy and prosperous life?

ANS. We are trying to achieve happiness and prosperity by maximizing accumulation and consumption of physical facilities. It is becoming anti-ecological and anti-people, and

threatening the human survival itself. Some of the consequences of such trend are summarized below:

- At the level of individual rising problems of depression, psychological disorders, suicides, stress, insecurity,etc.
- At the level of family breaking of joint families, mistrust, and conflict between older and younger generations, insecurity in relationships, divorce, dowry tortures, etc.
- At the level of society growing incidence of terrorism and naxalism, rising communalism, spreading casteism, racial and ethnic struggle, wars between nations, etc.
- At the level of nature global warming, water, air, soil, noise etc. pollution, resource depletion of minerals and mineral oils, etc.

All the problems are a direct outcome of an incorrect understanding, our wrong notion about happiness and prosperity and their continuity – this is an issue for serious exploration.

Q 21. What do the abbreviations given as SVDD, SSDD and SSSS signify?

ANS. To achieve our basic aspirations we need to work for right understanding as the base on which we can work for relationship and then physical facilities. Today we are not working according to this that why we can see that there are two kind of people in the world:

- 1. Those that do not have physical facilities/ wealth and feel unhappy and deprived. i.e. SVDD: Sadhan Viheen Dukhi Daridra Materially Deficient, Unhappy and Deprived.
- 2. Those that have physical facilities/ wealth and feel unhappy and deprived. i.e. SSDD: Sadhan Sampann Dukhi Daridra Materially Affluent, Unhappy and Deprived.

But these are states we don't want to be in. We want to move from this to third category i.e.

3. Having physical facilities and feeling happy and prosperous i.e. SSSS: <u>Sadhan Sampann Sukhi Samriddha – Materially Adequate, Happy and Prosperous</u>.

Presently, as we look around, we find most of the people in the above two

categories called SVDD and SSDD, while the natural acceptance of all human beings is to be in the category of SSSS.

- Q 22. "Physical facilities are necessary and complete for animals, while they are necessary but not complete for humans." Comment.Explain how physical facilities are necessary but not complete for humans while they are complete foranimals. Physical facilities are necessary but not complete for human being. Do you agree with this statement? Support your answer with reasons and examples.
- ANS. Physical facilities are necessary and complete for animals, while they are necessary but not complete for humans. It is easy to verify.

3) Physical facilities	
humans	animats
Necessary but not complete	Necessary and complete

For Animals: Animals need physical things to survive, mainly to take care of their body. For example; cow will look for food when it is hungry. Once it gets the grass or fodder. It eats it, sits around to chew at leisure. Hence, we can say that as long as animals have physical things,

they are largely fine. They don't desire other things like knowledge or a peaceful animal society or getting a good MBA.

For Humans: While physical facilities are necessary for human beings, they are not complete by themselves to fulfil our needs. Our needs are more than just physical facilities. We all have other needs, other plans, perhaps we think of going to a movie or reading a book, or go to college, or watch some TV, or spend time with family and friends..... this list is endless. Thus it is easy to see that while physical facilities are necessary for us human beings, they are not complete by themselves to fulfil ourneeds. Hence we can say that for animals — "Physical facilities are necessary and complete." For humans "Physical facilities are necessary but not complete."