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- 1) Explain the need for standardization of language.
- A) Language is a means of communication and is a tool to puss on knowledge grown one generation to another. The knowledge is being continuously unated thorough the course of time but it's correct understanding and decoding it to gain the true meaning is of utmost importance and sulevance as of today. With the passage of time, language undergous significant changes in the way it is spoken or written. The same effect is observed spatially where one can observe minor differences in the way people speak within a reading of 30 to so km. Due to these, temporal and sportial barriers it almost becomes impossible to understand the texts of the old time. with such vast differences, accumulating over centuries and decades without some standardigation of language would lead to a loss of literature and culture as well as heritage as people won't be able to pass on impormation without loss of it's actual context. Hence, there is a meed fore standardization of language achieved through grammar so that the old texts and heritage can beat spatial and temporal barriers.
- a) Explain the process of standardization of a language adopted in the Indian tradition
- Sansknit ODICH OF glammar was developed as a tool to intereduce standardisation of the Indian language so that the texts of the old time could be properly read and pass the statial and temporal barriers. The literal meaning of Sansknit is to polish and is well to bring standard to the language.

Griamman is a sule weated to ensure the knowledge can be decided at all places and at all times. Panini's Objective is a culmination of all pourious attempts to create a sound gramman of sanskout. The objective of gramman is to distinguish between covered usage from not so connect usage of sentences and words. The word of thereof literally means to cut and so we try to cut the sentences into words and words into floother meaningful units. Hence, Panini was the first to provide a detailed set of rules for sanskerit gramman in his book.

31521 cv 5751 in order to standardize the Indian language.

3) Explain the terms 4/144416, 372101, 314a16.

A3) The 40410 of vedic Hox by shakolya is also 001106201 In the 46416, Shakalya has shown the segmentation of words in the Hos Ariuguio is a process of recitation marked by conscious pause after every word. It is a way of lawning and memorizing the texts. The JE1817651 of 4 isthin disurses the exact ways in which ortical distinguishes you They and statiety and It is well known that for each HICZ 2000 there were many strict 2106 50 giving an exhaustive list of they 200 is the shortest way but even this list is very long. So, it is very difficult to weate a ything and it becomes a lengthy process. That is why, gram marians came up with a set of default sules called 3171 of and exceptions called 314dia. 3121vi is the set of scules which are used widely and vieate almost 90% of the words of the language in a general condext. 314did is the set of exceptions which is applicable only in some special contexts and accounts for the oreation of the gremaining 10% words in the language

4) Explain in short the contents of the 27416

Au) 27 416 is contained in two books: 310 TODITED 25 416 and surfly 27 416. The STOCIONIST 25 416 is a book of a chapters where coch chapter is divided into 4 5 h- chapters (416) Each of the sub-hapters contain a varying mumber of 25%. There were the sules (MEN) that had us to consect usage of the worlds (MEN) with the imputs from the entities and the 1947 and the 1947 It contains about 4000 25% with the first s chapters consumed with analysis and the last s hapters with the symthetis of the worlds. The suita 25% 400 to sub whose supe of application is much lesser than the 310 40%. Each 25% here mentions a small list of entity and a suffix that can be applied to only the members of that small set of Grand to derive a small set of worlds.

5) Explain in short the contents of the entity 18.

AS) The exights is almost an exhaustive collection of all the verbal troots (entry) that acce used in Sanskrit language. The nulle - of attains exit exit assigns the name attry to all the words entired in the entry . Afflying Prefix (3ETETI) and for substix (47721) to those attry gives rise to new words. The world version of the extration also provides the most prevelant meaning of each of these entry. The entry is divided into 10 classes: 1) of attrib, a) state, and sho entry. It closs not contain around 50 entry obtained from the Velas.

In evigets meaning is given after each catego or after enlisting several citis. 964 cuting have a single meaning; 243 cuting have two meanings; 99 have 3 meanings; 25 have 4, 16 have 5, 4 have 6; 2 have 7; 1 has 8; 1 has 13 and 1 has 18 meanings sanskarit has this unique feature where all it's worlds can be generated by a small set of cuting.

6) Explain in shout the contents of the J17416.

TANK MALE

A6) The JUIUIO is a collection of vaccious morninal mosts (Airiated) that are to be treated uniformly occording to certain rules of 31021 Cr51127. The grouping is based on similar context/meaning to ease the process of making rules. The JIVI410 has abi JIVI The meaning of JUI is 210/5 (group). When a lot of worlds have to do the same work then the group is married by adding 31To to the Boost world of the group. The hules of the 345 a 5151 then refer to this genup by the mance Bouned above Eg: 21 ai late means those words of which that is in the beginning. Then one sufers to the 2/1/418 to Bind the group whose first member is 21 This group is referred to as 21201101 by the 26,7916. It then uses this term 2120101 to describe the descivational process that only the words in this georp undergo.

The state of the s

- 7) What is descriptive linguistics and why Panimi came to be known as the first descriptive linguist?
- AT) Descriptive linguistics and proscriptive linguistics one two sub-fields of linguistics. Descriptive linguistics attempt to present a description of various aspects of a language at a given time without sufference to it's history. It attempts to describe the phonological system, grammatical components, semantic structures etc of a particular language. It studies what a language is like and descriptive grammovious focus analysis on how all kinds of people in all sout of anvironment communicate. François and Ponsonnet call Panini as the First Descriptive Linguist' as Panini's work on sanskouit gramman was the first known earliest work to standardize and formulize the way Indian language is spoken and whiten. It supresents one of the greatest monuments of human intelligence. He describes with the minutest detail, every inflection, derivation and composition and every symtactic usage of Sanskriit. He vieates a meta language to describe the sawkout grammax. This was got the Birst time, a complete and accurate description of a language was provided based not upon theory but upon observation. That is why, he has been rightly called the father of kinguistics as well.
 - 8) Explain bow the For of Parini are based on the principle of economy.
- A8) Linguistic economy principle is the mechanism, the objective of which is to save move time and every by conveying more information with less effect. The most not enoughly as pect of entire mechanism in the Panimian workshop is economy. Economy heights superime in his grammar. HER trister in his commentary said

introduced about 200 grammatical technical texus. They are up two types significant and meaningless Texus such as 422-144, 2110 Holyd are meaningful while \$\overline{E}_{1}^{2} \tau_{1}^{2} \tau_{1}^{

9) Explain what is meant by 310/2 had bow it helps in bringing

He text. At the beginning, a sidna with all the earlivant terms to the text. At the beginning, a sidna with all the earlivant terms to a topic is whiteen. To avoid duplication, the subsequent the are implicitly written without those common words and these words are implicitly carried bounard. When a twith a word in-contrast to the previously carried forward word is found, the domain of the pourious world finishes and of the new word starck.

Eg: 132 - उपतेशे अन्य अनुनामिकः इत

134- [डमदेश] न मिलकती [झन्ताल] खुक्ता [द्वर]

135 - [8परेग] अर्गतः मि-दु-ह (हर्]

136 - [Suce]] 4 9021221 [SITE] [SITE]

13 म न (डपदेशी) चु-ह (प्रवास्था) (अर्गिद) (इत)

1.3.8 - [उपतेश] ल-क्र-पू [प्रतायका] [अर्गदः] अतिद्वितका [रूप]

We can see that in these 8 2 itself he saves around 20 words. In a study, it was found that Panini saved around 40,000 words in his 25,000. Hence 31 3 of for helped him concise and shouten his toxt and boing burity.

- 10) How do you think is Paninian Grammar a case of structured thinking and supresentation?
- +110) Although forom above, it seems that Panimian oran more is unorganized a close scourting arables one to extract the main topics and their avaragement. Parini has avvarged his subject matter on the bimary principle consisting of synthesis and analysis. The first 5 chapters deal with the analysis of ingustic units further divided into the study of mosts and suffixes. The mosts are guerther divided into verbal and morninal and suffixes into inflectional and derivational. The last 3 chapters deal with the symplestes of mew linguistic units. He has given prune importance to 310/ 9 fed while arranging the subject matter He has belought together sules belonging to different topics whenever they share a common constant and thus enable him to save some words Thus, the answargement into Tid (sub-droptous) does not necessary coincide with the division of topics but lies concealed behind the principle of stofated. Amorther interesting Beative is that although Parimi has not provided a table of contents, it is evident and implicit in this gerammon He has grouped miles under deflerent topics and has given a section-heading to each group These constitude the table of contents and are called stevents and are called stevents and are abound 55 stalidites. To sum up, laminian grammar is a case of Statuctured thinking and suggestentation and shows prime will gave.