# WORD ORDER

A good deal has already been said in earlier chapters about the relative placing of individual words making up a phrase or clause. This chapter is concerned with the ordering of the prime constituents of the sentence—theme, predicate and amplifications of the predicate.

Easily the most baffling problem in this connection is the factor Easily the most baffling problem in this connection is the factor determining the choice between a thematic structure (theme -> predicate) and a verbal one (verb -> agent) in main sentences; subordinate clauses to a large extent have this choice determined by grammatical clauses to a large extent have this choice determined by grammatical considerations. It seems to be true that in literary prose the choice of considerations. It seems to be true that in literary prose the choice of a verbal sentence structure is the more favoured one, yet the thematic a verbal sentence structure is only slightly less so, and the operative factor in the choice

is still very obscure. extent of preceding the verb; in such a case, although becoming logiplacing of agent, object and adverbials. As has been mentioned above referential pronoun (contrast the formal thematic structures <the cally a theme, they are not formally so and do not require a subsequent (p. 88), adverbials enjoy considerable freedom of placing, even to the one (on that day, smote the king the pestilence)). An indirect object king on-it the pestilence) with the logically but not formally thematic king, smote-him the pestilence on that day) and (that day, smote the + referential pronoun (hādā lkitābu tiala'nā 'alay-h' (this book, we can of course be extrapolated as theme with subsequent preposition the entity term with its accompanying preposition) before the verb is adjectival clause a preposition + pronoun is sometimes placed before exceptionally unusual apart from one or two special cases (e.g. in an have perused it)), but the placing of an indirect object as such (i.e. the verb, lkitāb' lladī 'alay-hi ttala'nā 'the book which we have In the verbal sentence structure, one has to consider the relative

Although the placing of agent, object and adverbial, relatively to each other after the verb, ranges over all the possible permutations, one fundamental principle applies to all cases: the entity assumed by the speaker to be more familiar to the hearer, and thus having less communication value, precedes one less familiar and hence having greater communication value. It will be seen that this principle echoes the principle of theme preceding predicate, for the theme is necessarily an entity assumed to be known to the hearer, while the predicate embodies fresh information about it, not previously available to the hearer.

The most conspicuous application of this principle is that a defined entity (assumedly identifiable by the hearer) normally precedes an undefined one, whose identity is not known to the hearer. This order is quite irrespective of the function of the two entities in the sentence: the word order (shot the soldier a bandit) is normal for both functional evaluations 'the soldier shot a bandit' and 'a bandit shot the

A rhythmical factor appears also to have an effect on the word order. This is that the maximal break in the sentence should not occur much later than half way through its total length, so far as is possible. Length' in this connection has to be interpreted not on the phonological plane, but in terms of the number of lexical items. The maximal break occurs (i) in a thematic structure, between theme and predicate, (ii) in a verbal sentence structure, after the entity term which immediately follows the verb (irrespective of whether that be agent or object).

clause from the beginning of the sentence even when it is the logical avoided either by using a verb predicate structure yazharu anna theme, as in 'the fact that my brother loves Mary is obvious'. A ward-looking generalized pronoun theme (p. 41) inna-hu zāhirun the predicate 'is obvious' is so much shorter than the theme. It is formulation \*'anna'ak-ī yuḥibbu maryama zāhir is avoided because by placing the simple predicate first zāhirun' anna ... This last structure in the sentence to an undefined term, which is felt to be anomalous; does occasionally occur, but is rare because it accords initial position  $a\underline{k}$ -i...  $\langle$  is-obvious that my brother... $\rangle$  or by the device of the forcategory term, mina zzāhiri (a thing belonging to the category of the replaced by the partitive preposition min plus the generically defined initial position, and consequently zāhirun in that structure is normally prepositional phrases on the other hand are extremely common in anna'ak-i... 'it is obvious that my brother ...', or even without that obvious) which in spite of remaining logically undefined has at least the overt appearance of a defined term This principle operates so as to exclude, normally, a substantive

'my meaning is this'. But the latter statement would ordinarily be structured in Arabic with 'this' functioning as theme, because the recognizable by the hearer than a term which needs overt description. allusive nature of the demonstrative implies that it is more easily sible: 'Mary is my aunt' ~ 'my aunt is Mary', 'this is my meaning' ~ Logically, all identificatory predicate structures should be freely reverficatory predicates where one of the two terms is a demonstrative One minor consequence of the familiarity principle is seen in identi

structure (loved the boy his uncle) described on p. 42. agent one and a pronoun is introduced to avoid repetition, as in the agent is obligatory when the object term is logically annexed to the In a verbal sentence structure, placing of the object before the

prepositional phrase. difficulty the reader meets in verse is to evaluate the function of a may be to amplify the last word of the line. Probably the greatest occurs quite near the beginning of a line of verse, when its function function. One will encounter cases in which a prepositional phrase which may occur almost anywhere in the sentence irrespective of its fies as it is in normal prose; or (ii) the placing of a prepositional phrase, not so firmly anchored to position immediately after the term it amplialmost always involve either (i) the placing of an adjective, which is freedom of Latin verse in this respect. Such deviations as do occur the admissible distortions are limited, and wholly unlike the extreme verse, and in prose passages where a rhetorical effect is aimed at. But Needless to say, distortions of normal prose order occur freely in

not a cause, of the principle here stated. phrase will then have an appositional structure without predicative function (ma'nā-ya hāḍā 'this idea of mine', see p. 43). But I believe this to be a consequence, I Inversion of the order does indeed entail a change of meaning, since the

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# LEXICON AND STYLE

with the contradictory meanings of 'ascending' and 'descending'. up'. The Arab lexicographers however have registered tulu' as a word used in contexts where 'climbing down' is envisaged and not 'climbing reveal whether the emotion is one of joy or sorrow; juli' means from the context: tarab is 'strong emotion', and only the context will so far that the Arabs have themselves contributed to the illusion of 'climbing', and in ancient Arabic (though no longer in SA) could be etc.). Certainly the old-fashioned jibe that 'every word in Arabic means seas, high road, high meat, high living, high adventure, high tension, have a generalized meaning capable of taking an additional coloration lexicography. It is, however, an illusion. The reality is that some words contradictory meanings' by erecting this into a special branch of itself, its opposite and a kind of camel' is wholly unmerited; except in English by an Arab confronted with the semantics of 'high' (high familiar to Europeans; the same criticism might easily be made about the fact that Arabic conceptual categories differ widely from those bred of the difficulty of viewing one's own language objectively, and of is apt to seem to Europeans unduly diffuse. This is largely a mistake In Arabic of all periods, the semantic spectrum of many lexical items

of specialized distinctions—under the heading of linear time one has ent concept from linear time, and each of these concepts has a number with what seems to the European a surprisingly disparate set of into specialized compartments with distinctions not made in English: dent concepts with appropriate words for each, or concepts subdivided renderings. The converse is also true. Some concepts for which 'time' considered as a point or moment is for the Arab a wholly differlexical items (verbs above all) in the Arabic-English dictionary appear English has only one word are for the Arabs a series of quite indepen-The non-congruity of conceptual categories has the result that many

while I was a boy' and kuntu 'al'abu ma'a l'amīri wa-huwa şabiyy m one whose situation is described by the circumstantial phrase: kuntu number contrasts between the entities. while a boy'. This of course does not arise if there are gender and/or kuntu 'al'abu ma'a l'amīri sabiyyan 'I used to play with the prince it may be unclear which of several entities in the main sentence is the For the uniform marking of subordinate status, and the relative I used to play with the prince while he was a boy' both convert to freedom of placing of an adverbial as against an adjective, mean that al'abu ma'a l'amīri wa-ana şabiyy" 'I used to play with the prince The conversion of a circumstantial clause may result in ambiguity

use only the clause structures marked by wa. But modern writing is in ancient Arabic. From the eighth century on there was a marked tending to reintroduce it into favour. tendency in straightforward, non-ornamental prose to abandon it and Circumstantial clause conversion is common enough in poetry and

a verb of mental activity: ra aytu-hu wa-huwa dahik "I (physically) a verb of mental activity; Muhammad Husayn Haykal writes in his circumstantial clause structure with wa is not infrequently used in SA1 amount of confusion arises between the two clause structures, and the observed him while he was laughing' and ra' aytu' anna-hu dank''' ' occurred to their mind as to mine'. to present the predicate term of a proposition functioning as object of ra'aytu-hu dāḥikan. It is, I imagine, as a result of this that a certain (mentally) observed the fact that he was laughing' will both convert to to a structure identical with that of substantive clause conversion after had revolved in their mind) 'I observed that the same idea had  $\langle ext{I}$  observed them in a condition where that which revolved in my mind Memoirs, ra'aytu-hum wa-qad jāla bi-kāṭiri-him mā jāla bi-kāṭiri There are instances in which circumstantial clause conversion lead

<sup>1</sup> As it was already in medieval Arabic

**I** 3

## FUNCTIONALS

such (see p. 88), are included under this heading. entity terms, nor nouns functioning adjectivally, under the heading of huruf (functionals). Prepositions, in so far as they can be identified as The Arab grammarians group all words which are neither verbs, nor

#### Coordination

syntactic status. But two of the commonest of these functionals in and 'or', that the two speech items which they link, whether these be already been mentioned, pp. 66, 89-90. of coordination; cases of non-coordinating uses of these two have sentences, phrases or single words, should have exact parity of Arabic, wa and fa, are ambivalent and do not always have the function It is essential to the nature of coordinating functionals such as 'and'

simultaneous. In logical sequence, the mind may progress from a cause sequence from the preceding expression to the following one, whether I have seen it with my own eyes? ment back to its cause or justification, as in 'this must be true, for (fa)to its effect, in which case fa resembles English 'so'; or from a statewhich allows also the possibility that the two actions may have been using fa implies that the answer followed the smile; in contrast to watemporal or logical. In temporal sequence, 'he smiled and answered' linkage. fa on the other hand has the additional value of implying a The basic coordinator is wa 'and', implying simple structural

### Subordination

A number of subordinating functionals have already been described,

vowel. characteristic members of the class consist only of single consonant plus short matical term for functionals is occasioned by the fact that some of the most 1 This also has the meaning of 'letters (of the alphabet)', and its use as a gram-

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order that' (followed by a suffix set verb to denote 'so that', a-subset of not only a clause-subordinator with the values 'until', 'so that', 'in sang for my delight') and as a clause subordinator ('he sang in order has no effect on the sentence structure. li functions as preposition ('he the role of a preposition 'up to', and that of a modifier 'even' which the prefix verb for 'in order that', and either for 'until'), but has also Many subordinating functionals have an ambivalent role. hattā is

that he might delight me', p. 84).

second sentence to the totality of the first, so that coordination is only and what follows it is a wholly independent sentence; but if followed followed by a primary set item of the prefix verb set, it is a coordinator coordinating role and would imply 'they do not trust us, and (yet) second verb ya'malūna, would establish the fa as having a normal negative the first proposition, but retain the primary set item of the as to do our bidding', and implies that they do not do our bidding; to that {they trust us and so do our bidding}> 'they do not trust us so far yatiquna bi-nā fa-ya'malū bi-'amri-nā, has the sense \it is not the case to negative the first proposition, and use the a-subset in the second la fa-ya'malīma bi-'amri-nā 'they trust us, and so they do our bidding': with the unmodified part of that. Take for example yatiquina bi-na following sentence also. The role of fa is thus to subordinate the interrogation or command, then that modification extends to the by the a-subset item, and preceded by a sentence modified for negation, they do our bidding'. The most interesting of the ambivalent functionals is fa. If this be

ordinately marked form of the substantive hin 'time' (which remains a employed in the structure described p. 57: hina 'when' is the subcases nothing but substantives marked for subordinate status and fully functioning substantive, and can be used e.g. in hāḍā ḥīnuʾ azma<sup>tin</sup> 'this is a time of crisis'), functioning just as does yawma in the structure Clause subordinating functionals with temporal value are in some

characteristic conditional structure (see Chapter 14), inasmuch as the comes, I will talk to him' is envisaged in Arabic as a conditional senp. 79), for it may after all not take place; consequently, 'when he to note that a fairly sharp distinction is made between past and possibility remains open that he may not come. tence, 'if-and-when ('ida) he comes, I will talk to him', using the future time siting. An event sited in the future cannot be a fact (cf. It is of some interest in connection with time-marking subordinators

to a dynamic event and reference to a static situation. In reference In past time marking, a distinction has to be made between reference

> substantive clause ('inda mā māta', cf. p. 57), or by preposition plus verbal abstract ('inda mawti-ht' 'simultaneously with his death'). above (e.g. hīna māta 'at the time he died'), or by a preposition plus two events can only be marked by one of the substantives referred to 'when the king had died' or 'when the king was dead', and not 'when conversive force as qad does (p. 78): lammā māta lmalik represents possible predicate in such a clause) the same kind of aspectual the suffix set verb (which, since an event is envisaged, is the only to an event, the marker is lammā: but this nevertheless exercises on charity', the functional marker of the time clause is 'id. In reference to a static situation, such as 'when he was rich, he gave much to [= at the actual instant when] the king died? Actual simultaneity of

future time reference. spite of the fact that an ambiguity is thereby created between past and seems to be gaining some ground in other circumstances as well, in always marked by 'ida and not lamma; and in modern SA this marking fluidity of usage between 'ida and lamma. Even in the archaic period, as outlined above is, however, impaired by the fact that there is some 'when something had happened', if placed after hatta 'until', was The clarity of functional differentiation between 'ida,' id and lamma

is thus in this case not a coordinator and cannot be translated in logical theme, in that the following main clause begins with fa, which clause is sometimes treated, like a prepositional phrase (p. 65), as a A characteristic of both medieval and SA is that an initial lamma

properly time-marking functional 'since' can be used in lieu of that they can be used to indicate causation: just as in English the All three of these time functionals are, moreover, ambivalent in

#### Negation

with specialized uses. Apart from lays" (on which see below), all precede the theme. wholly indivisible phrase; those negativing a non-verbal predicate negative functionals modifying a verb predicate immediately precede the verb, with which they are in closest juncture so as to constitute a The most generalized negative functional is la, but there are others

and note that the latter form is in contrast with both lā naţiali'u 'we do/will/can/etc. not peruse' and la națiali' 'let us not peruse' (p. 84). the negative of qad, itala'nā 'alā lkitāb 'we have/had perused the book'; book' is lam naitali' 'alā lkitāb 'we have/had not perused the book'; by qad, p. 78) is lam + the short variety of the prefix set verb. Hence (whether or not the positive form be explicitly marked for static aspect The negative reflex of a suffix set verb with static aspectual value

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The suffix set verb with dynamic aspect is regularly negatived by mā. Unlike lam, this negative functional enters into other structures as well. It is in free alternation with lays for the negation of a nonverbal predicate; with lā as negativing a prefix-set verb item when this depicts a situation contemporaneous with the moment of utterance; and it will sometimes be found negativing the suffix-set item of a modifying verb, in place of lam + prefix-set item.

lays<sup>a</sup> is a modifying verb showing differentiation of the agent pronoun (\lambda not), \she not\rangle, \text{etc.}) by means of suffix morphemes only, and has no contrasting prefix set. In other respects it is structured exactly like the modifying kwn, including the transformation of a simple noun predicate from independent to subordinate status. But it comports only pure negative modification, not past time or notional value (owing to its lack of a prefix set which could furnish a contrast with the suffix forms), for which appropriately negatived forms of kwn must be used. Hence, hāḍā ṣaḥiḥan 'this is true', laysa hāḍā ṣaḥiḥan 'this is not true', but lam yakun hāḍā ṣaḥiḥan 'this was not true', 'an lā yakūna hāḍā ṣaḥiḥan 'that this should not be true'. As to position, since lays<sup>a</sup> itself has the status of a verb, the normal rule for placing of a negative is neutralized, and it can occur either before the theme (which then becomes its agent) or before the predicate: laysa hāḍā ṣaḥiḥan 'this is not true'.

A simple noun predicate of a negatived proposition can be marked by the preposition bi in lieu of the syntactic marker of subordinate status:  $m\bar{a}\ h\bar{a}d\bar{a}\ bi$ -sahī $h^{in}$ , laysa  $h\bar{a}d\bar{a}\ bi$ -sahī $h^{in}$ , etc.

The English structure 'no + substantive' is paralleled in Arabic by one in which an undefined substantive functions as theme (see p. 65) preceded by  $l\bar{a}$ . The substantive in this structure has the mark of subordinate status, thus  $l\bar{a}$  taw'amayni yataxābihāni bi-ttadqīq' no two twins are exactly alike'; but the subordinate marker -a is in this case never accompanied by -n, hence  $l\bar{a}$  tabiba fi lbayt' no doctor is in the house', not \* $l\bar{a}$  tabiban. This marking might well lead one to assign a verbal force to the  $l\bar{a}$  and to envisage the parts of the sentence which follow the substantive as amplifications of it, so that the above examples are treated as 'there are no two twins who are exactly alike' and 'there is no doctor (who is) in the house'.

This analysis is nevertheless incorrect.<sup>2</sup> The crucial point is that the  $l\bar{a}$  + substantive structure is never used in Arabic in isolation, and can consequently not be regarded as a valid sentence structure. If one

wishes to say simply 'there are no angels' one is obliged to employ the existential verb (p. 81') and say lā tūjadu malā' ika 'angels do not exist'. Since therefore additions of some kind are necessary to constitute a sentence, such additions must be regarded as genuine readinates

In so far as an English 'no + substantive' structure functions otherwise than as theme, the negative must in Arabic be detached from the substantive and used to modify the predicate: the thematic form lā 'aḥada yaqūlu hāḍā 'nobody says this' is paralleled in the verb + agent structure by lā yaqūlu hāḍā 'aḥad' (not says this anybody); and 'I saw nobody' is structured as mā ra'aytu 'aḥadan' I did not see anybody'.

On the analysis which I have suggested for the form  $l\bar{a}$  ahada, the negative functional has a syntactic status similar to that of the 'objectivizing' theme-markers such as 'ima, 'anna and la'alla (p. 64); and just as one could not use two of those functionals simultaneously, a difficulty is created over using one of them together with this type of into the difficulty is commonly resolved by transferring the negative into the predicate part of the sentence, producing the form yaḥtamilu 'anna 'ahadan lā yaqūlu hādā (it is probable that anybody does not say this)' it is probable that nobody says this'.

The antithetical negative concept 'that which is not-X' is expressed by a noun \(\bar{g}ayr\) annexed to the other term of the antithesis: \(\bar{g}ayr^\)\in (somebody/anybody who is not-me), \(\bar{g}ayr^\) niha iyy'' substantivally or adjectivally '(something) interminable'. This noun has certain anomalies as to definitional status. In itself it is logically undefined, though the term to which it is annexed may be defined or undefined: \(\bar{g}ayr^\)\ malik' \(\somebody/anybody\) who is not a king\) versus \(\bar{g}ayr^\)\ lnalik' \(\somebody/anybody\) who is not the king\). Up to the recent past, the structural requirements for defined or undefined status were met by appropriate marking of the term to which \(\bar{g}ayr^\)\ was annexed, the word itself never having the article: thus \(wakil^\)\ gayr^\sigma^\* \(\bar{a}dil^\)\ in the unjust steward', \(wakil^\)\ gayr^\\ idill' 'the unjust steward', \(wakil^\)\ gayr^\\ idill' \(\bar{a}dil^\)\ in SA a distinct tendency is emerging to mark \(\bar{g}ayr\)\ with the article when it is required to have defined status,

<sup>&</sup>lt;sup>1</sup> In archaic Arabic, both 'in and the combination  $m\bar{a}$ ' in are freely used as alternatives to  $m\bar{a}$  in all the latter's negative functions. These usages disappeared from the medieval language, yet some writers of today have revived the use of the negative  $m\bar{a}$ ' in.

negative mā'in.

<sup>2</sup> Although I did adopt it in Written Arabic §9:5.

It is true that expressions of this kind can function as sentence structures with ellipse of the predicate, as with English 'No doubt!' There are two Arabic clichés often used, both as elliptical sentence structures introduced by the coordinating wa 'and', and (like English 'this is no doubt true') simply as adverbials, viz. la budda and la jarama 'of course'/inevitably'/fnecessarily'/ etc.

It may be noticed that it would be difficult in Arabic to reproduce the logical paradox exploited by Lewis Carroll in the passage concerning the Anglo-Saxon Messenger who 'saw nobody (or Nobody) on the road'.

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Another tendency gaining ground in SA (though the first instances of it are to be found already in the medieval language) is to use  $l\bar{a}$  in place of  $\bar{g}apr$  with nouns:  $\bar{g}apr^{\nu}$  nihā'iyy'' is now in competition with  $l\bar{a}nih\bar{a}'iyy$  for 'interminable', and the new coinage 'decentralized' is exclusively  $l\bar{a}markaziyy$  and not \* $\bar{g}ayr^{\nu}$  markaziyy''.

In adjectival and circumstantial clause conversion, a negatived clause predicate is matched by <u>\( \bar{g}ayr \)</u> in the conversion structure: '\( \bar{b}a\) taysa ma'\( n\bar{a} - h\bar{a} \) w\( \bar{a}d\) iha''' an expression of which the meaning is not clear' converts to '\( \bar{b}a\) care \( \bar{g}ayr'' \) w\( \bar{a}d\) ihin \( ma'\) n\( \bar{a} - h\bar{a} \).

In substantive clause conversion a negatived clause predicate is matched by 'adam' absence (of)' annexed to the verbal abstract: 'anna hāḍā lā yumkin' that this is not possible' converts to 'adam' 'imkāni hāḍā 'the impossibility of this'.

#### Questions

All SA interrogative functionals occur at beginning of the sentence except that a preposition may precede. A statement is converted into a question by the initial functional 'a or hal; these do not necessarily entail any other change in the sentence structure, but they can be accompanied by certain inversions bringing the term which is the point of the enquiry to the position of a logical theme at the beginning of the sentence, so that in this case a formal predicate can precede the formal theme, and an object term precede the verb; thus the unmodified structures 'a-'anta jāhil' 'are you ignorant?' and 'a-qulta hāḍā 'did you say this?' are paralleled by 'a-jāhilun' anta which might be rendered by the Irishism 'is it ignorant that you are?' and 'a-hādāqulta 'is it this that you said?'.

Interrogative entity terms 'who?', 'what?' have the same morphological shape as the specialized entity terms man, mā (p. 49). As interrogatives they can be treated structurally as themes with subsequent referential pronoun, as in mā yadkulu fī-hi hāḍā?' into what does this enter?'; or as displaced sentence elements, needing no referential pronoun, fī-ma yadkulu hāḍā? (interrogative ma loses its vowel length after a preposition). But if anything else than a preposition precedes the queried entity, only the thematic formulation is possible: man saqaṭa fī yaday-h? (who it fell into his hands?) 'into whose hands did it fall?'.

Any interrogative sentence, structured as above, can function as an entity term in a larger sentence, principally of course as direct object of verbs such as 'ask', 'wonder', etc. The English structure 'I asked her whether she thinks so' can be structured as (I asked her does she think

so> sa'altu-hā'a-tufakkiru ka-dālika. But just as in English, 'whether' can be replaced by 'if', so this structure can in Arabic be replaced by one in which the queried proposition is put in conditional structure (p. 104) with the conditional functional 'idā. In so far as the main verb may demand an indirect object, it will be impossible to place a clause of this kind immediately after the preposition, since a preposition cannot be followed immediately by a modifying functional; the clause must be turned into a substantive by the use of mā (p. 57), thus producing the common cliché fī mā 'idā, as in šakaktu fī mā 'idā 'I doubt if...'.

#### Emphasis

The ancient Arabic functional la 'indeed' survives with its original emphatic value in SA only in a few cliché phrases where it modifies a handful of predicate verbs such as qalla 'is rare', xadda 'is violent', as in la-qalla hādā 'rare indeed is this', la-xadda kata'u-ka 'gross indeed is your mistake'.

Otherwise, it is now only used mechanically—and quite optionally—(i) as an accompaniment of the functional qad (la-qad); (ii) to mark the beginning of a predicate when the theme has been marked by 'ima (p. 64); and (iii) to mark the beginning of the main proposition after a hypothetical law clause (p. 107). In the latter two cases its value is principally structural and the modifying value of emphasis has become very weak and hardly reproducible in English; with qad it is wholly otiose.