Name: Maria Adnan Class: 1st Year (FSC-M)
Date: 22-Nov-2024 Test: 5
Biology
Biology Question#1
a) c
(3) D
(4) C
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Question#2
(i)
Bryophytes; amphibians of plant
The bryophytes are said to be the amphibians
the plant world because they cannot we away from
water. They need water for reproduction
<i>ii</i>)
The significance of alteration of generation
These spore During the formation of spores from
spore nother cells by meiotic division, reshuffling of gene
accurs. As a consequence, a great variety of spores

with different genetic make up are produced. These spores produce gametophytes with different genetic combinations. The gametophyte with better genetic makeup will have a better chance for survival in their gamets phytes with environment as compared to less-advantageous characteristics. The asspore developing after - fertilization now has a new genthe makeup as compared to the parent. This genetic variation passes to the new sporophyte which on motority once again produces further genetic recombination which are transferred to the game tophyte (in) stephrophytes: Plants belonging in group sphenopsida are alled anthrophytes because the whole plant body is composed of large number of joints. Life cycle of bryophytes Plant body(n) Gametophyte

(V)
Horn worts: most advanced bryophytes
The sporophyte of horn worts exhibit many
advanced characteristics due to which it is adapted
to land better than other bryophytes. The sporophyte
hus stomata and chloroplasts in the epidermis and can
thus photosynthesize its own food rather than
obtaining if from gametophyte. It also has a vaxy cuticle
to check excessive loss of water (dessication). Furtherm
at the junction of food and spore producing region
mere is a band of meristematic tissue.
25. 항상: 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.

